



La Conexión Correcta ^{MR}



2022

dixonvalve.com.mx
800.00.34966

Catálogo Adaptadores Hidráulicos

Ubicación de Fábricas y Centros de Distribución en Norteamérica



Nuestro Compromiso

Para asegurar la satisfacción de nuestros clientes han sido identificadas y cubiertas las siguientes necesidades:

- Esforzarse en la calidad de cada una de nuestras fases de negocio.
- Exceder la calidad de la competencia.
- Brindar entrenamiento para todos los empleados Dixon.
- Crear un ambiente que permita que cada empleado realice sus tareas bien desde la primera vez, y acepte la responsabilidad de la calidad en cada una de las tareas que realiza.
- Que ningún empleado sea llamado para realizar algo inmoral, ilegal o antiético.

Identificación de Roscas

La identificación de roscas puede ocasionalmente constituir la parte más difícil y frustrante de la selección de acoples. Sin embargo, sin la combinación correcta de roscas, usted no podrá proporcionar una conexión funcional y segura a su cliente.

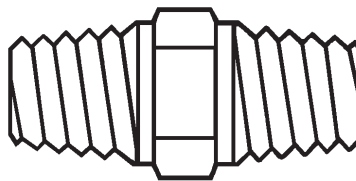
Para una completa identificación de la rosca se necesita el diámetro, los **hilos por pulgada (HPP)**, el paso de la rosca, etc. Para estimar o identificar con precisión las roscas se requieren calibradores de aro, de tapón y de pasa/no pasa. En campo, a falta de estos calibradores, pueden usarse cuenta hilos para identificar los **Hilos por pulgada (HPP)** y el paso de la rosca.

En el caso de roscas que se hayan determinado como roscas rectas, puede emplearse un calibrador para medir el Diámetro Exterior Macho (DEM) o el Diámetro Interior Hembra (DIH). También puede usarse un calibrador para medir el diámetro de las roscas cónicas. Sin embargo, estas son más difíciles de determinar a causa de la conicidad. Afortunadamente, son pocas las roscas cónicas en el mercado, y por lo general, pueden identificarse por el DEM y los HPP.

Sin embargo, la identificación de la rosca no puede servir para identificar completamente lo que se necesita para conectar. La aplicación es el principal **factor limitador en el tipo de rosca utilizado**. Dixon ofrece productos con una amplia variedad de roscas utilizadas con mangueras, tuberías y sistemas hidráulicos.

Cuando se trata de escoger es siempre recomendable identificar primeramente la rosca a la cual debe conectarse. Esto puede implicar la necesidad de averiguar con un fabricante de conexiones o equipos.

Roscas Cónicas



Rosca Cónica

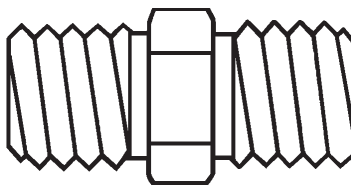
Las roscas cónicas son el tipo de rosca más común disponible. Como su nombre lo indica, tienen una leve conicidad. Cuando se acoplan y aprietan, las roscas se comprimen para formar un sello. Ambas roscas acopladas mantienen la conexión en su lugar y sellan la conexión. La rosca de tubo más usada en Norteamérica es la NPT (National Pipe Taper).

Puede resultar confuso el uso de NPT, FPT y MPT al describir rosca. Ambas FPT y MPT son roscas NPT, donde FPT significa rosca Hembra (interna) y MPT significa rosca Macho (externa).

Las roscas NPTF (sello seco/Dryseal) son roscas NPT modificadas, las cuales tienden menos a fugar sin un sellador.

Para un sello libre de fugas, recomendamos el uso de un compuesto sellador o cinta de PTFE. Se pueden usar roscas NPTF con rosca NPT, pero se va a perder algo de la característica de sellado.

Roscas Rectas



Rosca Recta

Las roscas rectas (paralelas) son usadas para la unión mecánica. Sirven un propósito: mantener una conexión en su lugar. Como resultado se requiere de un O-Ring (elastómero), sello de metal duro o sello de asiento suave. Cuando se usan juntas, las roscas y el método de sellado, se logra en general un mejor sello que con las roscas cónicas.

Las roscas rectas de tubo incluyen NPSM (National Pipe Straight Mechanical), NPSL (National Pipe Straight Locknut) y NPSH (National Pipe Straight Hose) que se ajustan a las especificaciones de la Norma SAE (Society of Automotive Engineers). El tamaño y peso de rosca difiere de las roscas NPT.

Roscas rectas menos comunes son la GHT (rosca para manguera de jardín) y la NST (rosca para acople de manguera contra incendio).

Cuando no sea posible identificar la rosca:

1. Determine el número de hilos por pulgada midiendo la distancia entre picos de hilos de rosca a lo largo del mayor número de hilos enteros. Luego divida el número de hilos por el valor de la medición (esto le proporciona los HPP).
2. Verifique si la rosca es del tipo recto o cónico.
 - a) **Roscas Rectas**
Mida el Diámetro exterior del extremo Macho (DEM) o el Diámetro interno de la Hembra (DIH) de un pico de hilo de rosca al otro pico.
 - b) **Roscas Cónicas**
Mida el Diámetro exterior del extremo Macho (DEM) en el extremo grande y pequeño, o el Diámetro interno de la Hembra (DIH) en el extremo grande y en el pequeño, de un pico de hilo de rosca al otro pico. Luego, mida el Diámetro Exterior (DE) del tubo no roscado.

Una vez que se ha determinado la aplicación y estos dos rubros de información, por lo general puede determinarse la rosca.

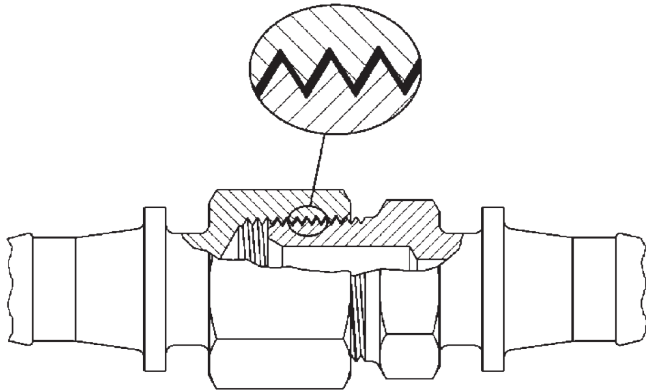
En caso de dudas, comuníquese con Dixon®

Información Sobre Tipos de Rosca y Sellado

| Rosca | Nombre | Compatibilidad | Sello |
|---------------|--|--|---|
| BSPP | British Standard Pipe Parallel | Macho BSPP x Hembra BSPP Hembra BSPP x Macho BSPP Hembra BSPP x Macho BSPTTr | Arandela Arandela Arandela |
| BSPTTr | British Standard Pipe Taper | Macho BSPTTr x Hembra BSPTTr Macho BSPTTr x Hembra BSPP Hembra BSPTTr x Macho BSPTTr <i>Hembra BSPTTr no es compatible con Macho BSPP</i> | Rosca Arandela Rosca |
| NPSH | American Standard Straight Pipe for Hose Couplings (National Pipe Straight Hose) | NPSH Macho x NPSH Hembra NPSH Hembra x NPSH Macho NPSH Hembra x NPT Macho NPSH Hembra x NPTF Macho NPSH Hembra x NPSM Macho | Arandela Arandela Arandela Arandela Arandela |
| NPSM | American Standard Straight Mechanical Joints (National Pipe Straight Mechanical) | NPSM Macho x NPSM Hembra NPSM Macho x NPSH Hembra NPSM Hembra x NPSM Macho NPSM Hembra x NPT Macho NPSM Hembra x NPTF Macho | El sello puede ser mecánico o de Arandela. |
| JIC | Joint Industrial Committee | Se usa con otras roscas JIC | Mecánico |
| NPT | American Standard Taper Pipe Thread | Macho NPT x Hembra NPT Macho NPT x Hembra NPTF Macho NPT x Hembra NPSM Macho NPT x Hembra NPSH Macho NPT x Macho NPT Hembra NPT x Macho NPTF <i>Hembra NPT no es compatible con Macho NPSM o NPSH</i> | Rosca Rosca Arandela Arandela Rosca Rosca |
| NPTF | American Standard Taper Pipe Fuel Dryseal Thread (National Pipe Tapered) (Dryseal) | Macho NPTF x Hembra NPTF Macho NPTF x Hembra NPT Macho NPTF x Hembra NPSM Macho NPTF x Hembra NPSH Hembra NPTF x Macho NPTF Hembra NPTF x Macho NPT Hembra NPTF x Macho NPSM ò NPSH <i>Nota: Roscas NPTF con NPTF no necesitan sellador para uso inicial. Después, el uso de sellador es necesario.</i> | Rosca Rosca Arandela Arandela Rosca Rosca <i>No es compatible</i> |

Sellos

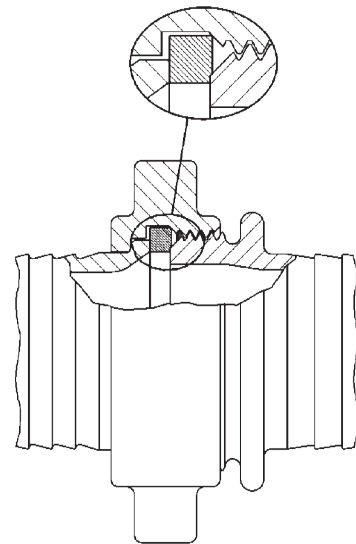
Sello tipo Rosca



- El sello se obtiene al aplicar un sellador a la rosca Macho antes de hacer el engranaje o enrosque.
- El sellador es usado para prevenir fugas por la espiral.
- La pasta o cinta de rosca es el sellador preferido en este tipo de aplicación.
- Favor de referirse al Catálogo Máster vigente para opciones de sellado y cintas de rosca.

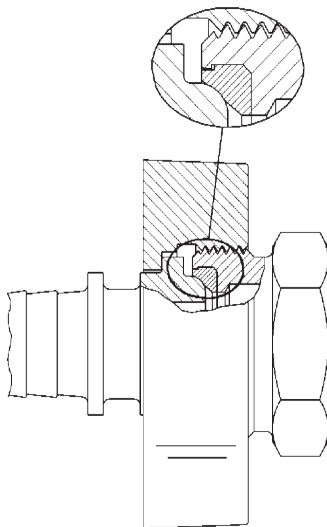
Sello tipo Arandela

- El sello se obtiene cuando la rosca Macho es apretada por la arandela o empaque del ensamble Hembra.
- La arandela o empaque debe inspeccionarse frecuentemente y reemplazarse cuando sea necesario para evitar fugas.
- Favor de referirse al Catálogo Master vigente para arandelas y empaques de reemplazo.



Sello tipo Mecánico

- El sello se obtiene por medio del contacto metal a metal o metal a sello; por ejemplo, acoples JIC tienen sello de metal a metal. Acoples de Ground-Joint EZ Boss tienen contacto de metal a sello.
- Los acoples deber ser re-apretados cuando sea necesario para prevenir fugas.



Recomendaciones para Sellado

Sellar roscas NPT puede ser una experiencia tediosa si no se siguen ciertas técnicas.

Los siguientes consejos ayudarán a resolver muchos problemas comunes en el sellado de la rosca:

1. Siempre utiliza algún tipo de sellador (pasta o cinta), aplica el sellador a la rosca Macho únicamente. Si se usa un sellador hidráulico, permita suficiente tiempo para que cure antes de que el sistema sea presurizado.
2. Cuando se use sellador en cinta, envuelva los hilos de rosca en sentido de las manecillas del reloj empezando por el primer hilo de rosca y trabaje la rosca descendiente aplicando capas. Si el sistema al cual se va a conectar no tolera materiales extraños (tales como sistemas de aire), deje la primera cuerda expuesta y aplique el sellador tal y como se describe arriba.
3. Cuando use sellador en pasta, aplíquelo a los hilos con un cepillo, para que ayude al sellador a entrar en las roscas. Aplica suficiente sellador para llenar dentro y alrededor de todos los hilos de la rosca.
4. Cuando se conecte una parte de acero inoxidable a otra parte de acero inoxidable que requiera desensamblarse en el futuro, use un sellador diseñado para acero inoxidable. Este sellador de rosca de acero inoxidable es también útil en la conexión de aluminio con aluminio que necesite ser desconectada en el futuro. Estos dos materiales se amarran fácilmente, y si no se utiliza el sellador correcto, puede que el desensamble sea imposible.
5. Cuando conecte partes hechas de materiales disímiles (i.e. acero y aluminio), el sellador estándar en cinta o pasta se desempeña satisfactoriamente.
6. Para tamaños de 2" y menores, la cinta o pasta se desempeña satisfactoriamente. Cuando se use cinta, cuatro envolturas, cubriendo todos los hilos de rosca necesarios generalmente es suficiente.
7. Para tamaños de 2½" y mayores se recomienda usar la pasta. Si se usa la cinta, ocho envolturas, cubriendo todos los hilos de rosca necesarios, es generalmente suficiente. Aplique más si es necesario.
8. Para roscas difíciles de sellar, aplique una capa normal de pasta seguida por una capa normal de cinta.

Identificación de Roscas

| Rayal | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 10 | 12 | 14 | 16 | 20 | 24 | 32 | 40 | 48 |
|-----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|---------------|---------------|----------|
| D.E. de Tubo | 1/8 | 3/16 | 1/4 | 5/16 | 3/8 | 7/16 | 1/2 | 5/8 | 3/4 | 7/8 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 |
| NPTF | 1/8-27 | | 1/4-18 | | 3/8-18 | | 1/2-14 | | 3/4-14 | | 1-11 1/2 | 1 1/4 - 11 1/2 | 1 1/2 - 11 1/2 | 2-11 1/2 | 2 1/2-8 | 3-8 |
| NPSM | 1/8-27 | | 1/4-18 | | 3/8-18 | | 1/2-14 | | 3/4-14 | | 1-11 1/2 | 1 1/4 - 11 1/2 | 1 1/2 - 11 1/2 | 2-11 1/2 | | |
| JIC 37° | 5/16-24 | 3/8-24 | 7/16-20 | 1/2-20 | 9/16-18 | | 3/4-16 | 7/8-14 | 1 1/16-12 | 1 3/16-12 | 1 5/16-12 | 1 5/8-12 | 1 7/8-12 | 2 1/2-12 | 3-12 | 3 1/2-12 |
| SAE O-Ring | 5/16-24 | 3/8-24 | 7/16-20 | 1/2-20 | 9/16-18 | | 3/4-16 | 7/8-14 | 1 1/16-12 | 1 3/16-12 | 1 5/16-12 | 1 5/8-12 | 1 7/8-12 | 2 1/2-12 | | |
| Cara Plana | | | 9/16-18 | | 11/16-16 | | 1 3/16-16 | 1-14 | 1 3/16-12 | | 1 7/16-12 | 1 11/16-12 | 2-12 | | | |
| Británica (BSPT/BSPP) | 1/8-28 | | 1/4-19 | | 3/8-19 | | 1/2-14 | | 3/4-14 | | 1-11 | 1 1/4-11 | 1 1/2-11 | | | |
| Métrica | 10 M10X1.0 | 12 M12X1.5 | 14 M14X1.5 | 16 M16X1.5 | 18 M18X1.5 | 20 M20X1.5 | 22 M22X1.5 | 24 M24X1.5 | 26 M26X1.5 | 27 M27X2.0 | 30 M30X2.0 | 33 M33X2.0 | 36 M36X2.0 | 42 M42X2.0 | 48 M48X2.0 | |
| Brida Código 1 | | | | | | | 1.19 | 1.335 | 1.50 | | 1.75 | 2 | 2.38 | 2.81 | 3.31 | 4 |
| Brida Código 2 | | | | | | | 1.25 | | 1.62 | | 1.88 | 2.12 | 2.50 | 3.12 | | |

Rosca NPTF

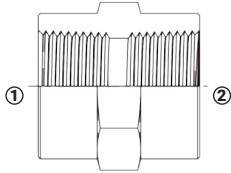
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|-------------------|---------------|
| Serie..... | Página |
| 5000 | 8 |
| 5404 | 9 |
| 5405 | 10 |
| 5406 | 11 |
| 5406C | 11 |
| 5406F | 12 |
| 5406H | 12 |
| 1251H | 12 |
| 5406S | 13 |
| 5500 | 13 |
| 5501 | 15 |
| 5502 | 14 |
| 5503 | 15 |
| 5504 | 15 |
| 5505 | 16 |
| 5600 | 16 |
| 5601 | 17 |
| 5602 | 17 |
| 5603 | 17 |
| 5604 | 18 |
| 5605 | 18 |
| 5652 | 19 |
| 5655 | 19 |

Configuración

- Serie 5000 - Unión Hembra Hexagonal NPTF
- Serie 5404 - Unión Macho Hexagonal NPTF
- Serie 5405 - Macho NPTF x Hembra NPTF
- Serie 5406 - Reductor Bushing Macho NPTF x Hembra NPTF
- Serie 5406C - Tapa Hexagonal Hembra NPTF
- Serie 5406F - Tapón Hexagonal Hueco Cara Plana
- Serie 5406H - Tapón Hueco Hexagonal
- Serie 1251H - Tapón NPTF Cabeza Hexagonal
- Serie 5406S - Tapón NPTF Cabeza Cuadrada
- Serie 5500 - Codo 90° Macho NPTF
- Serie 5502 - Codo 90° Macho NPTF x Hembra NPTF
- Serie 5501 - Codo 45° Macho NPTF
- Serie 5503 - Codo 45° Macho NPTF x Hembra NPTF
- Serie 5504 - Codo 90° Hembra NPTF
- Serie 5505 - Codo 45° Hembra NPTF
- Serie 5600 - Tee Unión Macho NPTF
- Serie 5601 - Tee de Ramificación Macho NPTF x Macho NPTF x Hembra NPTF
- Serie 5602 - Tee de Flujo Macho NPTF x Hembra NPTF x Hembra NPTF
- Serie 5603 - Tee de Flujo Macho NPTF x Macho NPTF x Hembra NPTF
- Serie 5604 - Tee de Ramificación Hembra NPTF x Macho NPTF x Hembra NPTF
- Serie 5605 - Tee Unión Hembra NPTF
- Serie 5652 - Cruz Hembra NPTF
- Serie 5655 - Cruz Macho NPTF x Hembras NPTF

Valores de Torque/Apriete

| NPT | Extremos NPTF (pies/libras) | Uniones (pies/libras) | FLATS |
|-----|-----------------------------|-----------------------|---------|
| -2 | 12 | 13 | 1-1.75 |
| -4 | 25 | 20 | 1-1.75 |
| -6 | 40 | 25 | 1-1.75 |
| -8 | 54 | 47 | .75-1.5 |
| -12 | 78 | 84 | .75-1.5 |
| -16 | 112 | 129 | .75-1.5 |
| -20 | 154 | 152 | .75-1.5 |
| -24 | 211 | 152 | .75-1.5 |
| -32 | 300 | 300 | .75-1.5 |



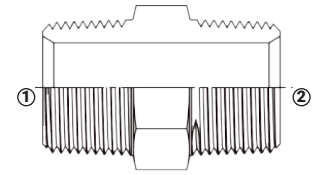
(1) Hembra NPTF
(2) Hembra NPTF
SAE 140138

Serie 5000 - Unión Hembra Hexagonal NPTF

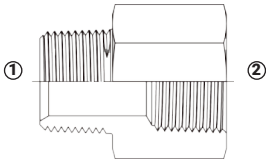
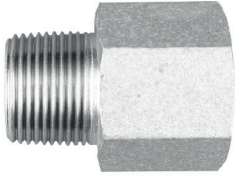
| Rosca Hembra NPTF | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-------------------|-------------------|--|------|
| 1/8"-27 | 1/8"-27 | 5000-2 | 5000 |
| 1/4"-18 | 1/8"-27 | 5000-4-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 5000-4 | 5000 |
| 3/8"-18 | 1/8"-27 | 5000-6-2 | 4000 |
| 3/8"-18 | 1/4"-18 | 5000-6-4 | 4000 |
| 3/8"-18 | 3/8"-18 | 5000-6 | 4000 |
| 1/2"-14 | 1/4"-18 | 5000-8-4 | 3000 |
| 1/2"-14 | 3/8"-18 | 5000-8-6 | 3000 |
| 1/2"-14 | 1/2"-14 | 5000-8 | 3000 |
| 3/4"-14 | 3/8"-18 | 5000-12-6 | 2500 |
| 3/4"-14 | 1/2"-14 | 5000-12-8 | 2500 |
| 3/4"-14 | 3/4"-14 | 5000-12 | 2500 |
| 1"- 11 1/2 | 3/4"-14 | 5000-16-12 | 2000 |
| 1"- 11 1/2 | 1"- 11 1/2 | 5000-16 | 2000 |
| 1 1/4" - 11 1/2 | 1"- 11 1/2 | 5000-20-16 | 1150 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 5000-20 | 1150 |
| 1 1/2" - 11 1/2 | 1 1/4" - 11 1/2 | 5000-24-20 | 1000 |
| 1 1/2" - 11 1/2 | 1 1/2" - 11 1/2 | 5000-24-24 | 1000 |
| 2"-11 1/2 | 2"-11 1/2 | 5000-32 | 1000 |

Serie 5404 - Unión Macho Hexagonal NPTF

| Rosca Macho NPTF | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|------------------|------------------|---------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 5404-2 | 5000 |
| 1/4"-18 | 1/8"-27 | 5404-4-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 5404-4 | 5000 |
| 3/8"-18 | 1/8"-27 | 5404-6-2 | 4000 |
| 3/8"-18 | 1/4"-18 | 5404-6-4 | 4000 |
| 3/8"-18 | 3/8"-18 | 5404-6 | 4000 |
| 1/2"-14 | 1/4"-18 | 5404-8-4 | 3000 |
| 1/2"-14 | 3/8"-18 | 5404-8-6 | 3000 |
| 1/2"-14 | 1/2"-14 | 5404-8 | 3000 |
| 3/4"-14 | 1/4"-18 | 5404-12-4 | 2500 |
| 3/4"-14 | 3/8"-18 | 5404-12-6 | 2500 |
| 3/4"-14 | 1/2"-14 | 5404-12-8 | 2500 |
| 3/4"-14 | 3/4"-14 | 5404-12 | 2500 |
| 1"- 11 1/2 | 3/8"-18 | 5404-16-6 | 2000 |
| 1"- 11 1/2 | 1/2"-14 | 5404-16-8 | 2000 |
| 1"- 11 1/2 | 3/4"-14 | 5404-16-12 | 2000 |
| 1"- 11 1/2 | 1"- 11 1/2 | 5404-16 | 2000 |
| 1 1/4" - 11 1/2 | 3/4"-14 | 5404-20-12 | 1150 |
| 1 1/4" - 11 1/2 | 1"- 11 1/2 | 5404-20-16 | 1150 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 5404-20 | 1150 |
| 1 1/2" - 11 1/2 | 1"- 11 1/2 | 5404-24-16 | 1000 |
| 1 1/2" - 11 1/2 | 1 1/4" - 11 1/2 | 5404-24-20 | 1000 |
| 1 1/2" - 11 1/2 | 1 1/2" - 11 1/2 | 5404-24 | 1000 |
| 2"-11 1/2 | 1"- 11 1/2 | 5404-32-16 | 1000 |
| 2"-11 1/2 | 1 1/2" - 11 1/2 | 5404-32-24 | 1000 |
| 2"-11 1/2 | 2"-11 1/2 | 5404-32 | 1000 |



(1) Macho NPTF
(2) Macho NPTF
SAE 140137



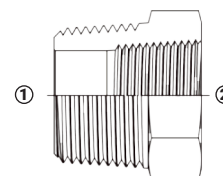
(1) Macho NPTF
(2) Hembra NPTF
SAE 140139

Serie 5405 - Macho NPTF x Hembra NPTF

| Rosca Macho NPTF | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|------------------|-------------------|--|------|
| 1/8"-27 | 1/8"-27 | 5405-2-2 | 5000 |
| 1/8"-27 | 1/4"-18 | 5405-2-4 | 5000 |
| 1/8"-27 | 3/8"-18 | 5405-2-6 | 4000 |
| 1/8"-27 | 1/2"-14 | 5405-2-8 | 3000 |
| 1/4"-18 | 1/8"-27 | 5405-4-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 5405-4-4 | 5000 |
| 1/4"-18 | 3/8"-18 | 5405-4-6 | 4000 |
| 1/4"-18 | 1/2"-14 | 5405-4-8 | 3000 |
| 1/4"-18 | 3/4"-14 | 5405-4-12 | 2500 |
| 3/8"-18 | 1/4"-18 | 5405-6-4 | 4000 |
| 3/8"-18 | 3/8"-18 | 5405-6-6 | 4000 |
| 3/8"-18 | 1/2"-14 | 5405-6-8 | 3000 |
| 3/8"-18 | 3/4"-14 | 5405-6-12 | 2500 |
| 1/2"-14 | 3/8"-18 | 5405-8-6 | 3000 |
| 1/2"-14 | 1/2"-14 | 5405-8-8 | 3000 |
| 1/2"-14 | 3/4"-14 | 5405-8-12 | 2500 |
| 1/2"-14 | 1"- 11 1/2 | 5405-8-16 | 2000 |
| 3/4"-14 | 1/2"-14 | 5405-12-8 | 2500 |
| 3/4"-14 | 3/4"-14 | 5405-12-12 | 2500 |
| 3/4"-14 | 1"- 11 1/2 | 5405-12-16 | 2000 |
| 3/4"-14 | 1 1/4" - 11 1/2 | 5405-12-20 | 1150 |
| 1"- 11 1/2 | 3/4"-14 | 5405-16-12 | 2000 |
| 1"- 11 1/2 | 1"- 11 1/2 | 5405-16-16 | 2000 |
| 1"- 11 1/2 | 1 1/4" - 11 1/2 | 5405-16-20 | 1150 |
| 1"- 11 1/2 | 1 1/2" - 11 1/2 | 5405-16-24 | 1000 |
| 1"- 11 1/2 | 2"- 11 1/2 | 5405-16-32 | 1000 |
| 1 1/4" - 11 1/2 | 1"- 11 1/2 | 5405-20-16 | 1150 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 5405-20-20 | 1150 |
| 1 1/4" - 11 1/2 | 1 1/2" - 11 1/2 | 5405-20-24 | 1000 |
| 1 1/4" - 11 1/2 | 2"- 11 1/2 | 5405-20-32 | 1000 |
| 1 1/2" - 11 1/2 | 1 1/2" - 11 1/2 | 5405-24-24 | 1000 |
| 1 1/2" - 11 1/2 | 2"- 11 1/2 | 5405-24-32 | 1000 |

Serie 5406 - Reductor Bushing Macho NPTF x Hembra NPTF

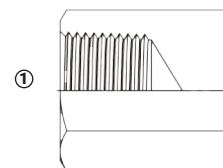
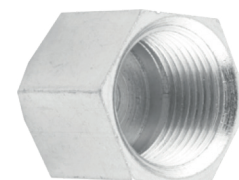
| Rosca Macho NPTF | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|------------------|-------------------|---------------------------------------|------|
| 1/4"-18 | 1/8"-27 | 5406-4-2 | 5000 |
| 3/8"-18 | 1/8"-27 | 5406-6-2 | 4000 |
| 3/8"-18 | 1/4"-18 | 5406-6-4 | 4000 |
| 1/2"-14 | 1/8"-27 | 5406-8-2 | 3000 |
| 1/2"-14 | 1/4"-18 | 5406-8-4 | 3000 |
| 1/2"-14 | 3/8"-18 | 5406-8-6 | 3000 |
| 3/4"-14 | 1/8"-27 | 5406-12-2 | 2500 |
| 3/4"-14 | 1/4"-18 | 5406-12-4 | 2500 |
| 3/4"-14 | 3/8"-18 | 5406-12-6 | 2500 |
| 3/4"-14 | 1/2"-14 | 5406-12-8 | 2500 |
| 1"- 11 1/2 | 1/4"-18 | 5406-16-4 | 2000 |
| 1"- 11 1/2 | 3/8"-18 | 5406-16-6 | 2000 |
| 1"- 11 1/2 | 1/2"-14 | 5406-16-8 | 2000 |
| 1"- 11 1/2 | 3/4"-14 | 5406-16-12 | 2000 |
| 1 1/4" - 11 1/2 | 3/8"-18 | 5406-20-6 | 1150 |
| 1 1/4" - 11 1/2 | 1/2"-14 | 5406-20-8 | 1150 |
| 1 1/4" - 11 1/2 | 3/4"-14 | 5406-20-12 | 1150 |
| 1 1/4" - 11 1/2 | 1"- 11 1/2 | 5406-20-16 | 1150 |
| 1 1/2" -11 1/2 | 1/2"-14 | 5406-24-8 | 1000 |
| 1 1/2" -11 1/2 | 3/4"-14 | 5406-24-12 | 1000 |
| 1 1/2" -11 1/2 | 1"- 11 1/2 | 5406-24-16 | 1000 |
| 1 1/2" -11 1/2 | 1 1/4" - 11 1/2 | 5406-24-20 | 1000 |
| 2"-11 1/2 | 1/2"-14 | 5406-32-8 | 1000 |
| 2"-11 1/2 | 3/4"-14 | 5406-32-12 | 1000 |
| 2"-11 1/2 | 1"- 11 1/2 | 5406-32-16 | 1000 |
| 2"-11 1/2 | 1 1/4" - 11 1/2 | 5406-32-20 | 1000 |
| 2"-11 1/2 | 1 1/2" -11 1/2 | 5406-32-24 | 1000 |
| 3"-8 | 2"-11 1/2 | 5406-48-32 | 1000 |



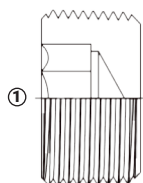
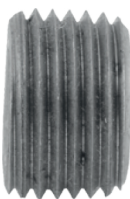
(1) Macho NPTF
(2) Hembra NPTF

Serie 5406C - Tapa Hexagonal Hembra NPTF

| Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-------------------|---------------------------------------|------|
| 1/8"-27 | 5406C-2 | 5000 |
| 1/4"-18 | 5406C-4 | 5000 |
| 3/8"-18 | 5406C-6 | 3000 |
| 1/2"-14 | 5406C-8 | 3000 |
| 3/4"-14 | 5406C-12 | 2500 |
| 1"- 11 1/2 | 5406C-16 | 2000 |
| 1 1/4" - 11 1/2 | 5406C-20 | 1150 |
| 1 1/2" -11 1/2 | 5406C-24 | 1000 |
| 2"-11 1/2 | 5406C-32 | 1000 |



(1) Hembra NPTF

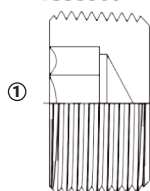


(1) Macho NPTF

Serie 5406F - Tapón Hexagonal Hueco Cara Plana

| Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|------------------|---------------------------------------|------|
| 1/16"-27 | 5406F-1 | 5000 |
| 1/8"-27 | 5406F-2 | 5000 |
| 1/4"-18 | 5406F-4 | 5000 |
| 3/8"-18 | 5406F-6 | 3000 |
| 1/2"-14 | 5406F-8 | 3000 |
| 3/4"-14 | 5406F-12 | 2500 |

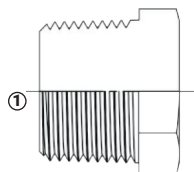
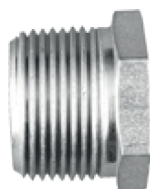
Serie 5406H - Tapón Hueco Hexagonal



(1) Macho NPTF
SAE 130109

| Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|------------------|---------------------------------------|------|
| 1/8"-27 | 5406H-2 | 5000 |
| 1/4"-18 | 5406H-4 | 5000 |
| 3/8"-18 | 5406H-6 | 3000 |
| 1/2"-14 | 5406H-8 | 3000 |
| 3/4"-14 | 5406H-12 | 2500 |
| 1"- 11 1/2 | 5406H-16 | 2000 |
| 1 1/4" - 11 1/2 | 5406H-20 | 1150 |
| 1 1/2" -11 1/2 | 5406H-24 | 1000 |
| 2"-11 1/2 | 5406H-32 | 1000 |

Serie 1251H - Tapón NPTF Cabeza Hexagonal

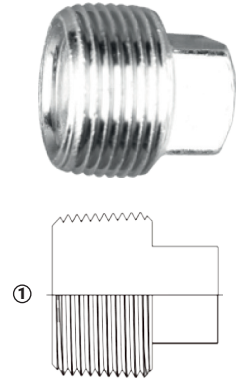


(1) Macho NPTF
SAE 130109E

| Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|------------------|---------------------------------------|------|
| 1/8"-27 | 1251-02H | 5000 |
| 1/4"-18 | 1251-04H | 5000 |
| 3/8"-18 | 1251-06H | 3000 |
| 1/2"-14 | 1251-08H | 3000 |
| 3/4"-14 | 1251-12H | 2500 |
| 1"- 11 1/2 | 1251-16H | 2000 |
| 1 1/4" - 11 1/2 | 1251-20H | 1150 |
| 1 1/2" -11 1/2 | 1251-24H | 1000 |
| 2"-11 1/2 | 1251-32H | 1000 |

Serie 5406S - Tapón NPTF Cabeza Cuadrada

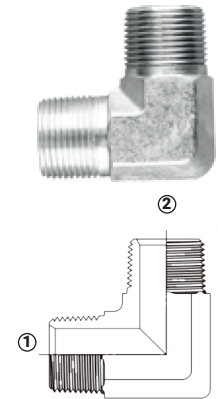
| Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|------------------|---------------------------------------|------|
| 1/8"-27 | 5406S-2 | 5000 |
| 1/4"-18 | 5406S-4 | 5000 |
| 3/8"-18 | 5406S-6 | 3000 |
| 1/2"-14 | 5406S-8 | 3000 |
| 3/4"-14 | 5406S-12 | 2500 |
| 1"- 11 1/2 | 5406S-16 | 2000 |
| 1 1/4" - 11 1/2 | 5406S-20 | 1150 |
| 1 1/2" -11 1/2 | 5406S-24 | 1000 |
| 2"-11 1/2 | 5406S-32 | 1000 |



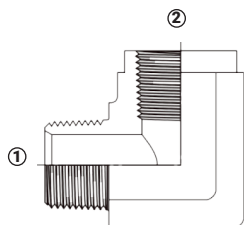
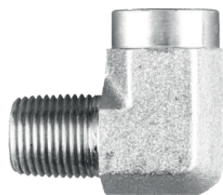
(1) Macho NPTF
SAE 130109A

Serie 5500 - Codo 90° Macho NPTF

| Rosca Macho NPTF | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|------------------|------------------|---------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 5500-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 5500-4 | 5000 |
| 3/8"-18 | 1/4"-18 | 5500-6-4 | 4000 |
| 3/8"-18 | 3/8"-18 | 5500-6 | 4000 |
| 1/2"-14 | 1/4"-18 | 5500-8-4 | 3000 |
| 1/2"-14 | 3/8"-18 | 5500-8-6 | 3000 |
| 1/2"-14 | 1/2"-14 | 5500-8 | 3000 |
| 3/4"-14 | 1/2"-14 | 5500-12-8 | 2500 |
| 3/4"-14 | 3/4"-14 | 5500-12 | 2500 |
| 1"- 11 1/2 | 3/4"-14 | 5500-16-12 | 2000 |
| 1"- 11 1/2 | 1"- 11 1/2 | 5500-16 | 2000 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 5500-20 | 1150 |
| 1 1/2" -11 1/2 | 1 1/2" -11 1/2 | 5500-24 | 1000 |
| 2"-11 1/2 | 2"-11 1/2 | 5500-32 | 1000 |
| 1/4"-18 | 1/4"-18 | 5500SW-4-4 * | 5000 |
| 3/8"-18 | 3/8"-18 | 5500SW-6-6 * | 4000 |
| 1/2"-14 | 1/2"-14 | 5500SW-8-8 * | 3500 |
| 3/4"-14 | 3/4"-14 | 5500SW-12-12 * | 2250 |



(1) Macho NPTF
(2) Macho NPTF
*SW=Un Extremo Giratorio
SAE 140237



(1) Macho NPTF
(2) Hembra NPTF

+ C=Compacto

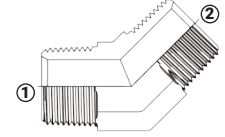
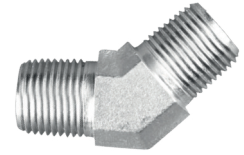
* SW=Un Extremo Giratorio
SAE 140239

Serie 5502 - Codo 90° Macho NPTF x Hembra NPTF

| Rosca Macho NPTF | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|------------------|-------------------|---------------------------------------|------|
| 1/8"-27 | 1/4"-18 | 5502-2-4 | 5000 |
| 1/8"-27 | 1/8"-27 | 5502-2 | 5000 |
| 1/4"-18 | 1/8"-27 | 5502-4-2 | 5000 |
| 1/4"-18 | 3/8"-18 | 5502-4-6 | 4000 |
| 1/4"-18 | 1/2"-14 | 5502-4-8 | 3000 |
| 1/4"-18 | 1/4"-18 | 5502-4 | 5000 |
| 3/8"-18 | 1/8"-27 | 5502-6-2 | 4000 |
| 3/8"-18 | 1/4"-18 | 5502-6-4 | 4000 |
| 3/8"-18 | 1/2"-14 | 5502-6-8 | 3000 |
| 3/8"-18 | 3/8"-18 | 5502-6 | 4000 |
| 1/2"-14 | 3/8"-18 | 5502-8-6 | 3000 |
| 1/2"-14 | 3/4"-14 | 5502-8-12 | 2500 |
| 1/2"-14 | 1/2"-14 | 5502-8 | 3000 |
| 3/4"-14 | 1/2"-14 | 5502-12-8 | 2500 |
| 3/4"-14 | 1"- 11 1/2 | 5502-12-16 | 2000 |
| 3/4"-14 | 3/4"-14 | 5502-12 | 2500 |
| 1"- 11 1/2 | 3/4"-14 | 5502-16-12 | 2000 |
| 1"- 11 1/2 | 1 1/4" - 11 1/2 | 5502-16-20 | 1150 |
| 1"- 11 1/2 | 1"- 11 1/2 | 5502-16 | 2000 |
| 1 1/4" - 11 1/2 | 1"- 11 1/2 | 5502-20-16 | 1150 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 5502-20 | 1150 |
| 1 1/2" - 11 1/2 | 1 1/2" - 11 1/2 | 5502-24 | 1000 |
| 2"-11 1/2 | 2"-11 1/2 | 5502-32 | 1000 |
| 1/8"-27 | 1/8"-27 | 5502C-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 5502C-4 | 5000 |
| 3/8"-18 | 3/8"-18 | 5502C-6 | 4000 |
| 1/2"-14 | 1/2"-14 | 5502C-8 | 3000 |
| 3/4"-14 | 3/4"-14 | 5502C-12 | 2250 |
| 1/4"-18 | 1/4"-18 | 5502SW-4-4 | 5000 |
| 3/8"-18 | 3/8"-18 | 5502SW-6-6 | 4000 |
| 1/2"-14 | 1/2"-14 | 5502SW-8-8 | 3000 |
| 3/4"-14 | 3/4"-14 | 5502SW-12-12 | 2250 |

Serie 5501 - Codo 45° Macho NPTF

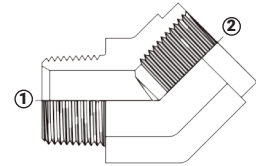
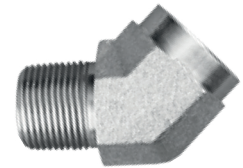
| Rosca Macho NPTF | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|------------------|------------------|---------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 5501-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 5501-4 | 5000 |
| 3/8"-18 | 3/8"-18 | 5501-6 | 4000 |
| 1/2"-14 | 1/2"-14 | 5501-8 | 3000 |
| 3/4"-14 | 1/2"-14 | 5501-12-8 | 2500 |
| 3/4"-14 | 3/4"-14 | 5501-12 | 2500 |
| 1"- 11 1/2 | 1"- 11 1/2 | 5501-16 | 2000 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 5501-20 | 1150 |
| 1 1/2" -11 1/2 | 1 1/2" -11 1/2 | 5501-24 | 1000 |
| 2"-11 1/2 | 2"-11 1/2 | 5501-32 | 1000 |



(1) Macho NPTF

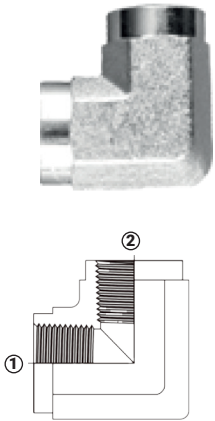
Serie 5503 - Codo 45° Macho NPTF x Hembra NPTF

| Rosca Macho NPTF | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|------------------|-------------------|---------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 5503-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 5503-4 | 5000 |
| 3/8"-18 | 3/8"-18 | 5503-6 | 4000 |
| 1/2"-14 | 1/2"-14 | 5503-8 | 3000 |
| 3/4"-14 | 3/4"-14 | 5503-12 | 2500 |
| 1"- 11 1/2 | 1"- 11 1/2 | 5503-16 | 2000 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 5503-20 | 1150 |
| 1 1/2" -11 1/2 | 1 1/2" -11 1/2 | 5503-24 | 1000 |
| 2"-11 1/2 | 2"-11 1/2 | 5503-32 | 1000 |



(1) Macho NPTF
(2) Hembra NPTF
SAE 140339

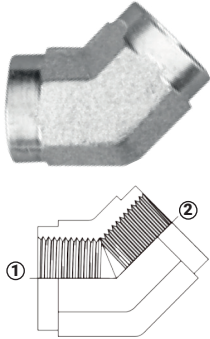
Serie 5504 - Codo 90° Hembra NPTF



(1) Hembra NPTF
(2) Hembra NPTF
SAE 140238

| Rosca Hembra NPTF | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-------------------|-------------------|------------------------------------|------|
| 1/4"-18 | 1/8"-27 | 5504-4-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 5504-4 | 5000 |
| 3/8"-18 | 1/4"-18 | 5504-6-4 | 4000 |
| 3/8"-18 | 3/8"-18 | 5504-6 | 4000 |
| 1/2"-14 | 1/4"-18 | 5504-8-4 | 3000 |
| 1/2"-14 | 3/8"-18 | 5504-8-6 | 3000 |
| 1/2"-14 | 1/2"-14 | 5504-8 | 3000 |
| 3/4"-14 | 1/2"-14 | 5504-12-8 | 2500 |
| 3/4"-14 | 3/4"-14 | 5504-12 | 2500 |
| 1"- 11 1/2 | 3/4"-14 | 5504-16-12 | 2000 |
| 1"- 11 1/2 | 1"- 11 1/2 | 5504-16 | 2000 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 5504-20 | 1150 |
| 1 1/2" -11 1/2 | 1 1/2" -11 1/2 | 5504-24 | 1000 |
| 2"-11 1/2 | 2"-11 1/2 | 5504-32 | 1000 |

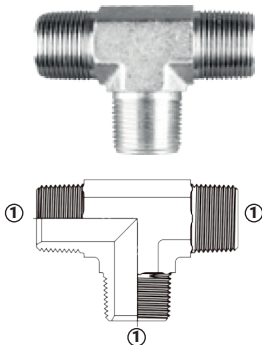
Serie 5505 - Codo 45° Hembra NPTF



(1) Hembra NPTF
(2) Hembra NPTF
SAE 140338

| Rosca Hembra NPTF (2) | Acero al Carbón Zincado # de Parte | PSI |
|-----------------------|------------------------------------|------|
| 1/8"-27 | 5505-2 | 5000 |
| 1/4"-18 | 5505-4 | 5000 |
| 3/8"-18 | 5505-6 | 4000 |
| 1/2"-14 | 5505-8 | 3000 |
| 3/4"-14 | 5505-12 | 2500 |
| 1"- 11 1/2 | 5505-16 | 2000 |
| 1 1/4" - 11 1/2 | 5505-20 | 1150 |
| 1 1/2" -11 1/2 | 5505-24 | 1000 |
| 2"-11 1/2 | 5505-32 | 1000 |

Serie 5600 - Tee Unión Macho NPTF

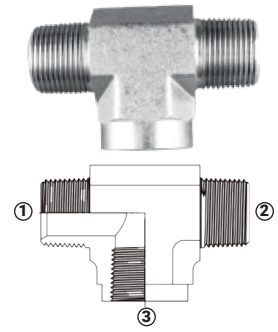


(1) Macho NPTF

| Rosca Macho NPTF (3) | Acero al Carbón Zincado # de Parte | PSI |
|----------------------|------------------------------------|------|
| 1/8"-27 | 5600-2 | 5000 |
| 1/4"-18 | 5600-4 | 5000 |
| 3/8"-18 | 5600-6 | 4000 |
| 1/2"-14 | 5600-8 | 3000 |
| 3/4"-14 | 5600-12 | 2500 |
| 1"- 11 1/2 | 5600-16 | 2000 |
| 1 1/4" - 11 1/2 | 5600-20 | 1150 |

Serie 5601 - Tee de Ramificación Macho NPTF x Macho NPTF x Hembra NPTF

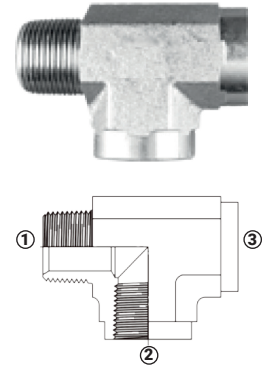
| Rosca Macho NPTF (2) | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|----------------------|-------------------|------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 5601-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 5601-4 | 5000 |
| 3/8"-18 | 3/8"-18 | 5601-6 | 4000 |
| 1/2"-14 | 1/2"-14 | 5601-8 | 3000 |
| 3/4"-14 | 3/4"-14 | 5601-12 | 2500 |
| 1"- 11 1/2 | 1"- 11 1/2 | 5601-16 | 2000 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 5601-20 | 1150 |



(1) Macho NPTF
(2) Macho NPTF
(3) Hembra NPTF

Serie 5602 - Tee de Flujo Macho NPTF x Hembra NPTF x Hembra NPTF

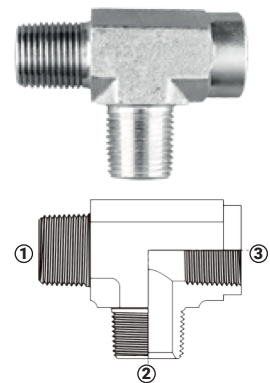
| Rosca Macho NPTF | Rosca Hembra NPTF (2) | Acero al Carbón Zincado # de Parte | PSI |
|------------------|-----------------------|------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 5602-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 5602-4 | 5000 |
| 3/8"-18 | 3/8"-18 | 5602-6 | 4000 |
| 1/2"-14 | 1/2"-14 | 5602-8 | 3000 |
| 3/4"-14 | 3/4"-14 | 5602-12 | 2500 |
| 1"- 11 1/2 | 1"- 11 1/2 | 5602-16 | 2000 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 5602-20 | 1150 |
| 1 1/2" - 11 1/2 | 1 1/2" - 11 1/2 | 5602-24 | 1000 |
| 2"-11 1/2 | 2"-11 1/2 | 5602-32 | 1000 |



(1) Macho NPTF
(2) Hembra NPTF
(3) Hembra NPTF
SAE 140424

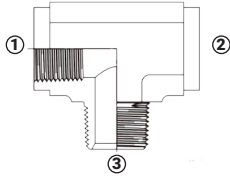
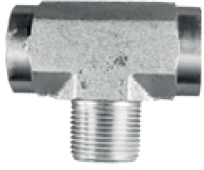
Serie 5603 - Tee de Flujo Macho NPTF x Macho NPTF x Hembra NPTF

| Rosca Macho NPTF (2) | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|----------------------|-------------------|------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 5603-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 5603-4 | 5000 |
| 3/8"-18 | 3/8"-18 | 5603-6 | 4000 |
| 1/2"-14 | 1/2"-14 | 5603-8 | 3000 |
| 3/4"-14 | 3/4"-14 | 5603-12 | 2500 |
| 1"- 11 1/2 | 1"- 11 1/2 | 5603-16 | 2000 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 5603-20 | 1150 |
| 1 1/2" - 11 1/2 | 1 1/2" - 11 1/2 | 5603-24 | 1000 |



(1) Macho NPTF
(2) Macho NPTF
(3) Hembra NPTF

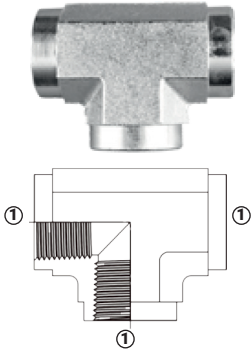
Serie 5604 - Tee de Ramificación Hembra NPTF x Macho NPTF x Hembra NPTF



(1) Hembra NPTF
 (2) Hembra NPTF
 (3) Macho NPTF
 SAE 140425

| Rosca Hembra NPTF (2) | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|--------------------------|------------------|---------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 5604-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 5604-4 | 5000 |
| 3/8"-18 | 3/8"-18 | 5604-6 | 4000 |
| 1/2"-14 | 1/2"-14 | 5604-8 | 3000 |
| 3/4"-14 | 3/4"-14 | 5604-12 | 2500 |
| 1"- 11 1/2 | 1"- 11 1/2 | 5604-16 | 2000 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 5604-20 | 1150 |
| 1 1/2" -11 1/2 | 1 1/2" -11 1/2 | 5604-24 | 1000 |

Serie 5605 - Tee Unión Hembra NPTF

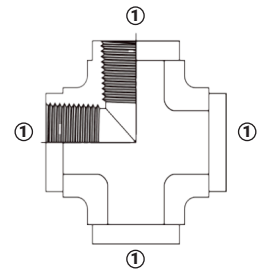


(1) Hembra NPTF
 SAE 140438

| Rosca Hembra NPTF (3) | Acero al Carbón Zincado # de Parte | PSI |
|-----------------------|---------------------------------------|------|
| 1/8"-27 | 5605-2 | 5000 |
| 1/4"-18 | 5605-4 | 5000 |
| 3/8"-18 | 5605-6 | 4000 |
| 1/2"-14 | 5605-8 | 3000 |
| 3/4"-14 | 5605-12 | 2500 |
| 1"- 11 1/2 | 5605-16 | 2000 |
| 1 1/4" - 11 1/2 | 5605-20 | 1150 |
| 1 1/2" -11 1/2 | 5605-24 | 1000 |
| 2"-11 1/2 | 5605-32 | 1000 |

Serie 5652 - Cruz Hembra NPTF

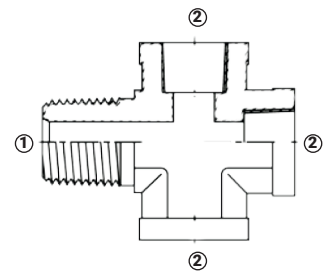
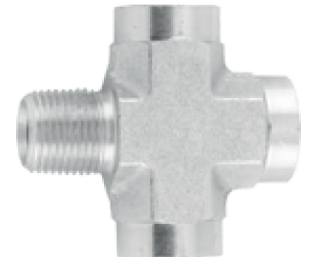
| Rosca Hembra NPTF (4) | Acero al Carbón Zincado # de Parte | PSI |
|-----------------------|---------------------------------------|------|
| 1/8"-27 | 5652-2 | 5000 |
| 1/4"-18 | 5652-4 | 5000 |
| 3/8"-18 | 5652-6 | 4000 |
| 1/2"-14 | 5652-8 | 3000 |
| 3/4"-14 | 5652-12 | 2500 |
| 1"- 11 1/2 | 5652-16 | 2000 |
| 1 1/4" - 11 1/2 | 5652-20 | 1150 |
| 1 1/2" -11 1/2 | 5652-24 | 1000 |



(1) Hembra NPTF
SAE 140538

Serie 5655 - Cruz Macho NPTF x Hembras NPTF

| Rosca Macho NPTF | Rosca Hembra NPTF (3) | Acero al Carbón Zincado # de Parte | PSI |
|------------------|--------------------------|---------------------------------------|------|
| 1/4"-18 | 1/4"-18 | 5655-4 | 5000 |
| 3/8"-18 | 3/8"-18 | 5655-6 | 4000 |
| 1/2"-14 | 1/2"-14 | 5655-8 | 3000 |



(1) Macho NPTF
(2) Hembra NPTF

Rosca NPSM Giratoria

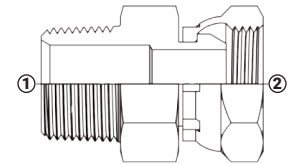
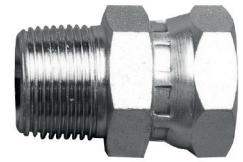
NPSM

B

| Serie..... | Página | Configuración |
|------------|--------|--|
| 1404 | 21 | Serie 1404 - Macho NPTF x Hembra NPSM Giratoria |
| 1405 | 22 | Serie 1405 - Hembra NPTF x Hembra NPSM Giratoria |
| 1406 | 22 | Serie 1406 - Unión Hembra NPSM Giratoria |
| 1501 | 23 | Serie 1501- Codo 90° Macho NPTF x Hembra NPSM Giratoria |
| 1502 | 24 | Serie 1502 - Codo 90° Hembra NPTF x Hembra NPSM Giratoria |
| 1503 | 24 | Serie 1503 - Codo 45° Macho NPTF x Hembra NPSM Giratoria |
| 1504 | 25 | Serie 1504 - Codo 45° Hembra NPTF x Hembra NPSM Giratoria |
| 1601 | 25 | Serie 1601 - Tee de Ramificación Macho NPTF x Hembra NPSM x Hembra NPSM |
| 1602 | 26 | Serie 1602 - Tee de Ramificación Hembra NPTF x Hembra NPSM x Hembra NPSM |
| 1603 | 26 | Serie 1603 - Tee Unión Hembra NPSM Giratoria |
| 6900 | 27 | Serie 6900 - Macho SAE O-Ring x Hembra NPSM Giratoria |
| 6901 | 28 | Serie 6901 - Codo 90° Macho SAE O-Ring x Hembra NPSM Giratoria |
| 6902 | 28 | Serie 6902 - Codo 45° Macho SAE O-Ring x Hembra NPSM Giratoria |

Serie 1404 - Macho NPTF x Hembra NPSM Giratoria

| Rosca Macho NPTF | Rosca Hembra NPSM | Acero al Carbón Zincado # de Parte | PSI |
|------------------|-------------------|---------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 1404-2-2 | 5000 |
| 1/8"-27 | 1/4"-18 | 1404-2-4 | 5000 |
| 1/4"-18 | 1/8"-27 | 1404-4-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 1404-4-4 | 5000 |
| 1/4"-18 | 3/8"-18 | 1404-4-6 | 4000 |
| 3/8"-18 | 1/4"-18 | 1404-6-4 | 4000 |
| 3/8"-18 | 3/8"-18 | 1404-6-6 | 4000 |
| 3/8"-18 | 1/2"-14 | 1404-6-8 | 3500 |
| 1/2"-14 | 1/4"-18 | 1404-8-4 | 3000 |
| 1/2"-14 | 3/8"-18 | 1404-8-6 | 3000 |
| 1/2"-14 | 1/2"-14 | 1404-8-8 | 3000 |
| 1/2"-14 | 3/4"-14 | 1404-8-12 | 2250 |
| 3/4"-14 | 3/8"-18 | 1404-12-6 | 2500 |
| 3/4"-14 | 1/2"-14 | 1404-12-8 | 2500 |
| 3/4"-14 | 3/4"-14 | 1404-12-12 | 2250 |
| 3/4"-14 | 1"- 11 1/2 | 1404-12-16 | 2000 |
| 3/4"-14 | 1 1/4" - 11 1/2 | 1404-12-20 | 1625 |
| 1"- 11 1/2 | 3/4"-14 | 1404-16-12 | 2000 |
| 1"- 11 1/2 | 1"- 11 1/2 | 1404-16-16 | 2000 |
| 1"- 11 1/2 | 1 1/4" - 11 1/2 | 1404-16-20 | 1625 |
| 1 1/4" - 11 1/2 | 3/4"-14 | 1404-20-12 | 1150 |
| 1 1/4" - 11 1/2 | 1"- 11 1/2 | 1404-20-16 | 1150 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 1404-20-20 | 1150 |
| 1 1/4" - 11 1/2 | 1 1/2" - 11 1/2 | 1404-20-24 | 1150 |
| 1 1/2" - 11 1/2 | 1 1/4" - 11 1/2 | 1404-24-20 | 1000 |
| 1 1/2" - 11 1/2 | 1 1/2" - 11 1/2 | 1404-24-24 | 1000 |
| 2"- 11 1/2 | 2"- 11 1/2 | 1404-32-32 | 1000 |



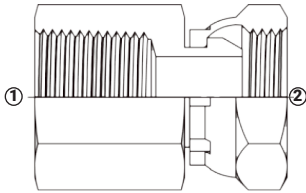
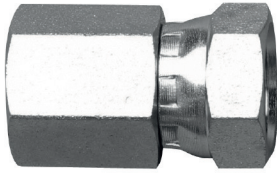
(1) Macho NPTF
(2) Hembra NPSM Giratoria
SAE 140130

NPSM
B

Serie 1405 - Hembra NPTF x Hembra NPSM Giratoria

NPSM

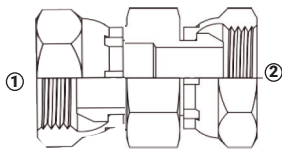
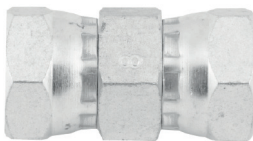
B



(1) Hembra NPTF
(2) Hembra NPSM Giratoria
SAE 140131

| Rosca Hembra NPTF | Rosca Hembra NPSM | Acero al Carbón Zincado # de Parte | PSI |
|-------------------|-------------------|---------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 1405-2-2 | 5000 |
| 1/8"-27 | 1/4"-18 | 1405-2-4 | 5000 |
| 1/4"-18 | 1/8"-27 | 1405-4-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 1405-4-4 | 5000 |
| 1/4"-18 | 3/8"-18 | 1405-4-6 | 4000 |
| 3/8"-18 | 1/4"-18 | 1405-6-4 | 4000 |
| 3/8"-18 | 3/8"-18 | 1405-6-6 | 4000 |
| 3/8"-18 | 1/2"-14 | 1405-6-8 | 3500 |
| 1/2"-14 | 1/4"-18 | 1405-8-4 | 3000 |
| 1/2"-14 | 3/8"-18 | 1405-8-6 | 3000 |
| 1/2"-14 | 1/2"-14 | 1405-8-8 | 3000 |
| 3/4"-14 | 1/2"-14 | 1405-12-8 | 2500 |
| 3/4"-14 | 3/4"-14 | 1405-12-12 | 2250 |
| 3/4"-14 | 1"- 11 1/2 | 1405-12-16 | 2000 |
| 1"- 11 1/2 | 3/4"-14 | 1405-16-12 | 2000 |
| 1"- 11 1/2 | 1"- 11 1/2 | 1405-16-16 | 2000 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 1405-20-20 | 1150 |
| 1 1/2" - 11 1/2 | 1 1/2" - 11 1/2 | 1405-24-24 | 1000 |
| 2"-11 1/2 | 2"-11 1/2 | 1405-32-32 | 1000 |

Serie 1406 - Unión Hembra NPSM Giratoria

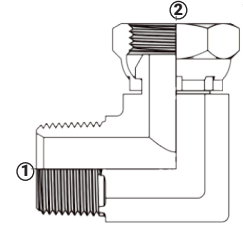
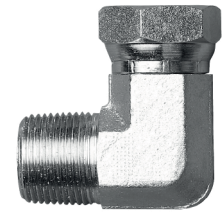


(1) Hembra NPSM Giratoria
(2) Hembra NPSM Giratoria

| Rosca Hembra NPSM | Rosca Hembra NPSM | Acero al Carbón Zincado # de Parte | PSI |
|-------------------|-------------------|---------------------------------------|------|
| 1/4"-18 | 1/4"-18 | 1406-4-4 | 5000 |
| 3/8"-18 | 3/8"-18 | 1406-6-6 | 4000 |
| 1/2"-14 | 1/2"-14 | 1406-8-8 | 3000 |
| 3/4"-14 | 3/4"-14 | 1406-12-12 | 2250 |
| 1"- 11 1/2 | 1"- 11 1/2 | 1406-16-16 | 2000 |

Serie 1501- Codo 90° Macho NPTF x Hembra NPSM Giratoria

| Rosca Macho NPTF | Rosca Hembra NPSM | Acero al Carbón Zincado # de Parte | PSI |
|------------------|-------------------|---------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 1501-2-2 | 5000 |
| 1/8"-27 | 1/4"-18 | 1501-2-4 | 5000 |
| 1/4"-18 | 1/8"-27 | 1501-4-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 1501-4-4 | 5000 |
| 1/4"-18 | 3/8"-18 | 1501-4-6 | 4000 |
| 1/4"-18 | 1/2"-14 | 1501-4-8 | 3500 |
| 3/8"-18 | 1/4"-18 | 1501-6-4 | 4000 |
| 3/8"-18 | 3/8"-18 | 1501-6-6 | 4000 |
| 3/8"-18 | 1/2"-14 | 1501-6-8 | 3500 |
| 1/2"-14 | 1/4"-18 | 1501-8-4 | 3000 |
| 1/2"-14 | 3/8"-18 | 1501-8-6 | 3000 |
| 1/2"-14 | 1/2"-14 | 1501-8-8 | 3000 |
| 1/2"-14 | 3/4"-14 | 1501-8-12 | 2250 |
| 3/4"-14 | 3/8"-18 | 1501-12-6 | 2500 |
| 3/4"-14 | 1/2"-14 | 1501-12-8 | 2500 |
| 3/4"-14 | 3/4"-14 | 1501-12-12 | 2250 |
| 3/4"-14 | 1 1/2" -11 1/2 | 1501-12-16 | 2000 |
| 1" -11 1/2 | 1/2"-14 | 1501-16-8 | 2000 |
| 1" -11 1/2 | 3/4"-14 | 1501-16-12 | 2000 |
| 1" -11 1/2 | 1" -11 1/2 | 1501-16-16 | 2000 |
| 1" -11 1/2 | 1 1/4" -11 1/2 | 1501-16-20 | 1625 |
| 1 1/4" -11 1/2 | 1" -11 1/2 | 1501-20-16 | 1150 |
| 1 1/4" -11 1/2 | 1 1/4" -11 1/2 | 1501-20-20 | 1150 |
| 1 1/4" -11 1/2 | 1 1/2" -11 1/2 | 1501-20-24 | 1150 |
| 1 1/2" -11 1/2 | 1 1/4" -11 1/2 | 1501-24-20 | 1000 |
| 1 1/2" -11 1/2 | 1 1/2" -11 1/2 | 1501-24-24 | 1000 |
| 2" -11 1/2 | 2" -11 1/2 | 1501-32-32 | 1000 |



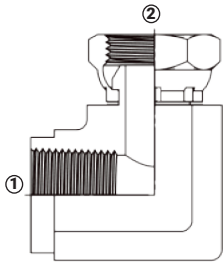
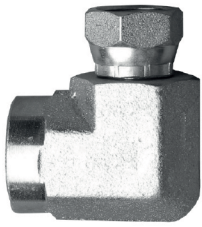
(1) Macho NPTF
(2) Hembra NPSM Giratoria
SAE 140230

NPSM
B

Serie 1502 - Codo 90° Hembra NPTF x Hembra NPSM Giratoria

NPSM

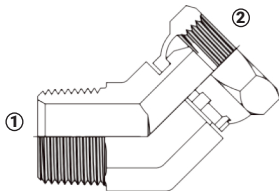
B



(1) Hembra NPTF
(2) Hembra NPSM Giratoria

| Rosca Hembra NPTF | Rosca Hembra NPSM | Acero al Carbón Zincado # de Parte | PSI |
|-------------------|-------------------|------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 1502-2-2 | 5000 |
| 1/8"-27 | 1/4"-18 | 1502-2-4 | 5000 |
| 1/4"-18 | 1/8"-27 | 1502-4-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 1502-4-4 | 5000 |
| 1/4"-18 | 3/8"-18 | 1502-4-6 | 4000 |
| 3/8"-18 | 1/4"-18 | 1502-6-4 | 4000 |
| 3/8"-18 | 3/8"-18 | 1502-6-6 | 4000 |
| 3/8"-18 | 1/2"-14 | 1502-6-8 | 3500 |
| 1/2"-14 | 1/4"-18 | 1502-8-4 | 3000 |
| 1/2"-14 | 1/2"-14 | 1502-8-8 | 3000 |
| 1/2"-14 | 3/4"-14 | 1502-8-12 | 2250 |
| 3/4"-14 | 1/2"-14 | 1502-12-8 | 2500 |
| 3/4"-14 | 3/4"-14 | 1502-12-12 | 2250 |
| 1"- 11 1/2 | 1"- 11 1/2 | 1502-16-16 | 2000 |
| 1 1/4" - 11 1/2 | 1"- 11 1/2 | 1502-20-16 | 1150 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 1502-20-20 | 1150 |
| 1 1/2" -11 1/2 | 1 1/2" -11 1/2 | 1502-24-24 | 1000 |
| 2"-11 1/2 | 2"-11 1/2 | 1502-32-32 | 1000 |

Serie 1503 - Codo 45° Macho NPTF x Hembra NPSM Giratoria

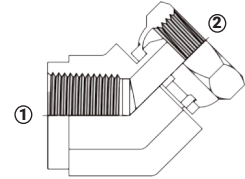
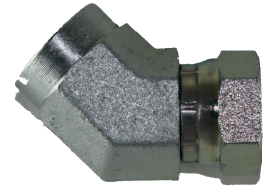


(1) Macho NPTF
(2) Hembra NPSM Giratoria
SAE 140330

| Rosca Macho NPTF | Rosca Hembra NPSM | Acero al Carbón Zincado # de Parte | PSI |
|------------------|-------------------|------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 1503-2-2 | 5000 |
| 1/8"-27 | 1/4"-18 | 1503-2-4 | 5000 |
| 1/4"-18 | 1/8"-27 | 1503-4-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 1503-4-4 | 5000 |
| 1/4"-18 | 3/8"-18 | 1503-4-6 | 4000 |
| 3/8"-18 | 1/4"-18 | 1503-6-4 | 4000 |
| 3/8"-18 | 3/8"-18 | 1503-6-6 | 4000 |
| 3/8"-18 | 1/2"-14 | 1503-6-8 | 3500 |
| 1/2"-14 | 1/4"-18 | 1503-8-4 | 3000 |
| 1/2"-14 | 3/8"-18 | 1503-8-6 | 3000 |
| 1/2"-14 | 1/2"-14 | 1503-8-8 | 3000 |
| 1/2"-14 | 3/4"-14 | 1503-8-12 | 2250 |
| 3/4"-14 | 1/2"-14 | 1503-12-8 | 2500 |
| 3/4"-14 | 3/4"-14 | 1503-12-12 | 2250 |
| 3/4"-14 | 1"- 11 1/2 | 1503-12-16 | 2000 |
| 1"- 11 1/2 | 3/4"-14 | 1503-16-12 | 2000 |
| 1"- 11 1/2 | 1"- 11 1/2 | 1503-16-16 | 2000 |
| 1 1/4" - 11 1/2 | 1"- 11 1/2 | 1503-20-16 | 1150 |

Serie 1504 - Codo 45° Hembra NPTF x Hembra NPSM Giratoria

| Rosca Hembra NPTF | Rosca Hembra NPSM | Acero al Carbón Zincado # de Parte | PSI |
|-------------------|-------------------|---------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 1504-2-2 | 5000 |
| 1/8"-27 | 1/4"-18 | 1504-2-4 | 5000 |
| 1/4"-18 | 1/4"-18 | 1504-4-4 | 5000 |
| 3/8"-18 | 3/8"-18 | 1504-6-6 | 4000 |
| 1/2"-14 | 3/8"-18 | 1504-8-6 | 3000 |
| 1/2"-14 | 1/2"-14 | 1504-8-8 | 3000 |
| 3/4"-14 | 1/2"-14 | 1504-12-8 | 2500 |
| 3/4"-14 | 3/4"-14 | 1504-12-12 | 2250 |
| 1" -11 1/2 | 1" -11 1/2 | 1504-16-16 | 2000 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 1504-20-20 | 1150 |
| 1 1/2" -11 1/2 | 1 1/2" -11 1/2 | 1504-24-24 | 1000 |

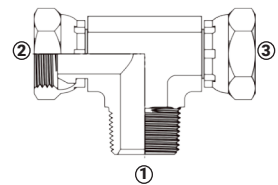
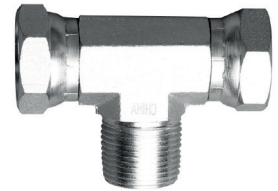


(1) Hembra NPTF
(2) Hembra NPSM Giratoria

NPSM
B

Serie 1601 - Tee de Ramificación Macho NPTF x Hembra NPSM x Hembra NPSM

| Rosca Macho NPTF | Rosca Hembra NPSM (2) | Acero al Carbón Zincado # de Parte | PSI |
|------------------|--------------------------|---------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 1601-2-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 1601-4-4 | 5000 |
| 3/8"-18 | 3/8"-18 | 1601-6-6 | 4000 |
| 1/2"-14 | 1/4"-18 | 1601-8-4 | 3000 |
| 1/2"-14 | 3/8"-18 | 1601-8-6 | 3000 |
| 1/2"-14 | 1/2"-14 | 1601-8-8 | 3000 |
| 3/4"-14 | 3/4"-14 | 1601-12-12 | 2250 |
| 1" -11 1/2 | 3/4"-14 | 1601-16-12 | 2000 |
| 1" -11 1/2 | 1" -11 1/2 | 1601-16-16 | 2000 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 1601-20-20 | 1150 |

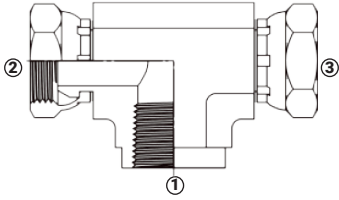
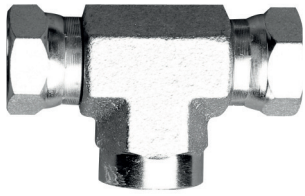


(1) Macho NPTF
(2) Hembra NPSM Giratoria
(3) Hembra NPSM Giratoria

Serie 1602 - Tee de Ramificación Hembra NPTF x Hembra NPSM x Hembra NPSM

NPSM

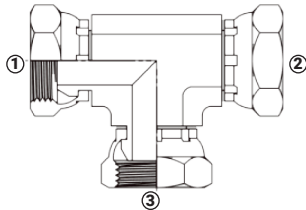
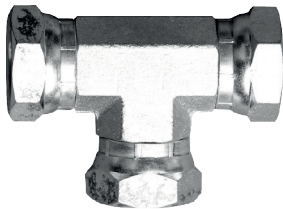
B



| Rosca Hembra NPTF | Rosca Hembra NPSM (2) | Acero al Carbón Zincado # de Parte | PSI |
|-------------------|-----------------------|------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 1602-2-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 1602-4-4 | 5000 |
| 3/8"-18 | 3/8"-18 | 1602-6-6 | 4000 |
| 1/2"-14 | 1/2"-14 | 1602-8-8 | 3000 |
| 3/4"-14 | 3/4"-14 | 1602-12-12 | 2500 |
| 1" -11 1/2 | 1" -11 1/2 | 1602-16-16 | 2000 |
| 1 1/4" - 11 1/2 | 1 1/4" - 11 1/2 | 1602-20-20 | 1150 |

- (1) Hembra NPTF
- (2) Hembra NPSM Giratoria
- (3) Hembra NPSM Giratoria

Serie 1603 - Tee Unión Hembra NPSM Giratoria

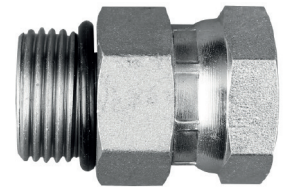


| Rosca Hembra NPSM (2) | Rosca Hembra NPSM | Acero al Carbón Zincado # de Parte | PSI |
|-----------------------|-------------------|------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 1603-2-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 1603-4-4 | 5000 |
| 3/8"-18 | 3/8"-18 | 1603-6-6 | 4000 |
| 1/2"-14 | 1/2"-14 | 1603-8-8 | 3000 |
| 3/4"-14 | 3/4"-14 | 1603-12-12 | 2500 |
| 1" -11 1/2 | 1" -11 1/2 | 1603-16-16 | 2000 |
| 1 1/4" - 11 1/2 | 1" -11 1/2 | 1603-20-16 | 1150 |

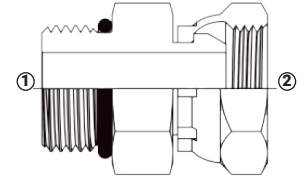
- (1) Hembra NPSM Giratoria
- (2) Hembra NPSM Giratoria
- (3) Hembra NPSM Giratoria

Serie 6900 - Macho SAE O-Ring x Hembra NPSM Giratoria

| Rosca Macho SAE O-Ring | Rosca Hembra NPSM | Acero al Carbón Zincado # de Parte | PSI |
|------------------------|-------------------|------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 6900-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 6900-4-4 | 5000 |
| 7/16"-20 | 3/8"-18 | 6900-4-6 | 5000 |
| 1/2"-20 | 1/4"-18 | 6900-5-2 | 5000 |
| 9/16"-18 | 1/4"-18 | 6900-4-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 6900-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | 6900-6-8 | 3500 |
| 3/4"-16 | 1/4"-18 | 6900-8-4 | 4500 |
| 3/4"-16 | 3/8"-18 | 6900-8-6 | 3000 |
| 3/4"-16 | 1/2"-14 | 6900-8-8 | 3500 |
| 3/4"-16 | 3/4"-14 | 6900-8-12 | 2250 |
| 7/8"-14 | 1/4"-18 | 6900-10-4 | 3500 |
| 7/8"-14 | 3/8"-18 | 6900-10-6 | 3500 |
| 7/8"-14 | 1/2"-14 | 6900-10-8 | 3500 |
| 7/8"-14 | 3/4"-14 | 6900-10-12 | 2250 |
| 1 1/16"-12 | 1/2"-14 | 6900-12-8 | 3500 |
| 1 1/16"-12 | 3/4"-14 | 6900-12-12 | 2250 |
| 1 1/16"-12 | 1" -11 1/2 | 6900-12-16 | 2000 |
| 1 3/16"-12 | 3/4"-14 | 6900-14-12 | 2250 |
| 1 5/16"-12 | 3/4"-14 | 6900-16-12 | 2250 |
| 1 5/16"-12 | 1" -11 1/2 | 6900-16-16 | 2000 |
| 1 5/16"-12 | 1 1/4" - 11 1/2 | 6900-16-20 | 1625 |
| 1 5/8"-12 | 3/4"-14 | 6900-20-12 | 2250 |
| 1 5/8"-12 | 1" -11 1/2 | 6900-20-16 | 2000 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 6900-20-20 | 1625 |
| 1 7/8"-12 | 1 1/2" -11 1/2 | 6900-24-24 | 1250 |
| 2 1/2"-12 | 2"-11 1/2 | 6900-32-32 | 1000 |



NPSM
B

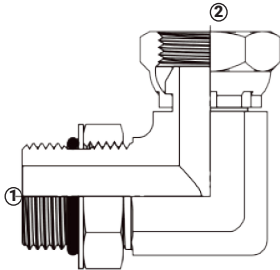
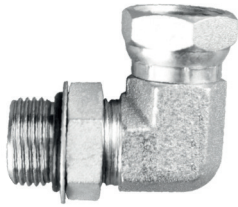


(1) Macho SAE O-ring
(2) Hembra NPSM Giratoria
SAE 140230

Serie 6901 - Codo 90° Macho SAE O-Ring x Hembra NPSM Giratoria

NPSM

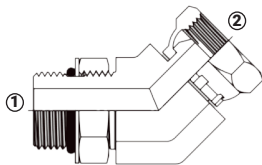
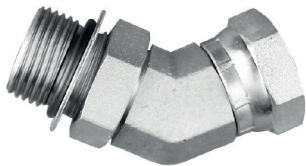
B



(1) Macho SAE O-Ring
(2) Hembra NPSM Giratoria
SAE 140257

| Rosca Macho SAE O-Ring | Rosca Hembra NPSM | Acero al Carbón Zincado # de Parte | PSI |
|------------------------|-------------------|------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 6901-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 6901-4-4 | 5000 |
| 7/16"-20 | 3/8"-18 | 6901-4-6 | 5000 |
| 9/16"-18 | 1/4"-18 | 6901-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 6901-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | 6901-6-8 | 3500 |
| 3/4"-16 | 1/4"-18 | 6901-8-4 | 4500 |
| 3/4"-16 | 3/8"-18 | 6901-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 6901-8-8 | 3500 |
| 3/4"-16 | 3/4"-14 | 6901-8-12 | 2250 |
| 7/8"-14 | 3/8"-18 | 6901-10-6 | 3500 |
| 7/8"-14 | 1/2"-14 | 6901-10-8 | 3500 |
| 7/8"-14 | 3/4"-14 | 6901-10-12 | 2500 |
| 1 1/16"-12 | 3/8"-18 | 6901-12-06 | 2500 |
| 1 1/16"-12 | 1/2"-14 | 6901-12-8 | 3500 |
| 1 1/16"-12 | 3/4"-14 | 6901-12-12 | 2250 |
| 1 1/16"-12 | 1" -11 1/2 | 6901-12-16 | 2000 |
| 1 3/16"-12 | 3/4"-14 | 6901-14-12 | 2250 |
| 1 5/16"-12 | 3/4"-14 | 6901-16-12 | 2250 |
| 1 5/16"-12 | 1" -11 1/2 | 6901-16-16 | 2000 |
| 1 5/16"-12 | 1 1/4" - 11 1/2 | 6901-16-20 | 1625 |
| 1 5/8"-12 | 1" -11 1/2 | 6901-20-16 | 2000 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 6901-20-20 | 1625 |
| 1 7/8"-12 | 1 1/2" -11 1/2 | 6901-24-24 | 1250 |
| 2 1/2"-12 | 2"-11 1/2 | 6901-32-32 | 1125 |

Serie 6902 - Codo 45° Macho SAE O-Ring x Hembra NPSM Giratoria



(1) Macho SAE O-Ring
(2) Hembra NPSM Giratoria
SAE 140357

| Rosca Macho SAE O-Ring | Rosca Hembra NPSM | Acero al Carbón Zincado # de Parte | PSI |
|------------------------|-------------------|------------------------------------|------|
| 7/16"-20 | 1/4"-18 | 6902-4-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 6902-6-6 | 4000 |
| 3/4"-16 | 1/4"-18 | 6902-8-4 | 4500 |
| 3/4"-16 | 3/8"-18 | 6902-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 6902-8-8 | 3500 |
| 3/4"-16 | 3/4"-14 | 6902-8-12 | 2250 |
| 7/8"-14 | 3/8"-18 | 6902-10-6 | 3500 |
| 7/8"-14 | 1/2"-14 | 6902-10-8 | 3500 |
| 7/8"-14 | 3/4"-14 | 6902-10-12 | 2500 |
| 1 1/16"-12 | 3/4"-14 | 6902-12-12 | 2250 |
| 1 1/16"-12 | 1" -11 1/2 | 6902-12-16 | 2000 |
| 1 5/16"-12 | 1" -11 1/2 | 6902-16-16 | 2000 |
| 1 5/16"-12 | 1 1/4" - 11 1/2 | 6902-16-20 | 1625 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 6902-20-20 | 1625 |

Rosca JIC 37°

| | |
|-------------------|---------------|
| Serie..... | Página |
| 0304C | 30 |
| 0306 | 30 |
| 0318 | 31 |
| 0319 | 31 |
| 1204 | 32 |
| 2404 | 33 |
| 2404L | 34 |
| 2405 | 34 |
| 2406 | 35 |
| 1254 | 36 |
| 1234..... | 36 |
| 2501 | 37 |
| 2501L | 38 |
| 2501LL | 38 |
| 2502..... | 39 |
| 2503..... | 40 |
| 2504..... | 41 |
| 2505..... | 41 |
| 2601..... | 42 |
| 2602..... | 42 |
| 2603..... | 43 |
| 2605..... | 43 |
| 2606..... | 44 |
| 2650..... | 44 |

Configuración

- Serie 0304C - Tapa Hexagonal JIC 37°
- Serie 0306 - Tuerca de apriete para Conexión de Pared
- Serie 0318 - Tuerca Unión a Tubo
- Serie 0319 - Manga para Unión a Tubo
- Serie 1204 - Unión JIC 37° SAE 070101
- Serie 2404 - Unión Macho JIC 37° x Macho NPTF
- Serie 2404L - Unión Larga Macho JIC 37° x Macho NPTF
- Serie 2405 - Macho JIC 37° x Hembra NPTF
- Serie 2406 - Reducción Hembra JIC 37° x Macho JIC 37°
- Serie 1254 - Tapón Hexagonal JIC 37°
- Serie 1234 - Codo 90° Macho JIC 37°
- Serie 2501 - Codo 90° Macho JIC 37° x Macho NPTF
- Serie 2501L - Codo 90° Macho JIC 37° x Macho NPTF Largo
- Serie 2501LL - Codo 90° Macho JIC 37° x Macho NPTF Largo
- Serie 2502 - Codo 90° Macho JIC 37° x Hembra NPTF
- Serie 2503 - Codo 45° Macho JIC 37° x Macho NPTF
- Serie 2504 - Codo 45° Macho JIC 37°
- Serie 2505 - Codo 45° Macho JIC 37° x Hembra NPTF
- Serie 2601 - Tee de Ramificación Macho JIC 37° x Macho JIC 37° x Macho NPTF
- Serie 2602 - Tee Ramificación Macho JIC 37° x Macho JIC 37° x Hembra NPTF
- Serie 2603 - Tee Unión Macho JIC 37°
- Serie 2605 - Tee de Flujo Macho JIC 37° x Macho JIC 37° x Macho NPTF
- Serie 2606 - Tee de Flujo Macho JIC 37° x Macho JIC 37° x Hembra NPTF
- Serie 2650 - Cruz Macho JIC 37°

JIC 37°
C

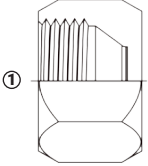
Valores de Torque/Apriete

| JIC | Pies/Libras | FLATS |
|-----|-------------|-------|
| -2 | 6-7 | |
| -3 | 8-9 | |
| -4 | 11-12 | 2 |
| -5 | 14-15 | 2 |
| -6 | 18-20 | 1.5 |
| -8 | 36-39 | 1.5 |
| -10 | 57-63 | 1.5 |
| -12 | 79-88 | 1.25 |
| -14 | 94-103 | 1.25 |
| -16 | 108-113 | 1 |
| -20 | 127-133 | 1 |
| -24 | 158-167 | 1 |
| -32 | 245-258 | 1 |

Serie 0304C - Tapa Hexagonal JIC 37°

JIC 37°

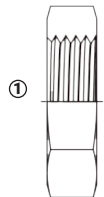
C



(1) Hembra NPTF
SAE 070112

| Rosca Hembra JIC | Acero al Carbón Zincado # de Parte | PSI |
|------------------|---------------------------------------|------|
| 5/16"-24 | 0304C-2 | 5000 |
| 3/8"-24 | 0304C-3 | 5000 |
| 7/16"-20 | 0304C-4 | 5000 |
| 1/2"-20 | 0304C-5 | 5000 |
| 9/16"-18 | 0304C-6 | 5000 |
| 3/4"-16 | 0304C-8 | 4500 |
| 7/8"-14 | 0304C-10 | 3500 |
| 1 1/16"-12 | 0304C-12 | 3500 |
| 1 3/16"-12 | 0304C-14 | 3000 |
| 1 5/16"-12 | 0304C-16 | 3000 |
| 1 5/8"-12 | 0304C-20 | 2500 |
| 1 7/8"-12 | 0304C-24 | 2000 |
| 2 1/2"-12 | 0304C-32 | 1500 |
| 3"-12 | 0304C-40 | --- |

Serie 0306 - Tuerca de apriete para Conexión de Pared

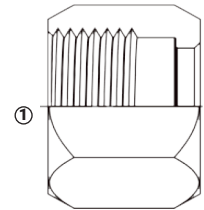
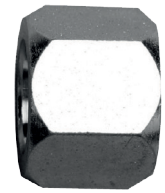


SAE 070118

| Rosca Tuerca | Acero al Carbón Zincado # de Parte | PSI |
|--------------|---------------------------------------|------|
| 7/16"-20 | 0306-4 | 5000 |
| 1/2"-20 | 0306-5 | 5000 |
| 9/16"-18 | 0306-6 | 5000 |
| 3/4"-16 | 0306-8 | 4500 |
| 7/8"-14 | 0306-10 | 3500 |
| 1 1/16"-12 | 0306-12 | 3500 |
| 1 3/16"-12 | 0306-14 | 3000 |
| 1 5/16"-12 | 0306-16 | 3000 |
| 1 5/8"-12 | 0306-20 | 2500 |
| 1 7/8"-12 | 0306-24 | 2000 |
| 2 1/2"-12 | 0306-32 | 1500 |

Serie 0318 - Tuerca Unión a Tubo

| Rosca JIC | Acero al Carbón Zincado # de Parte | PSI |
|------------|---------------------------------------|------|
| 3/8"-24 | 0318-3 | 5000 |
| 7/16"-20 | 0318-4 | 5000 |
| 1/2"-20 | 0318-5 | 5000 |
| 9/16"-18 | 0318-6 | 5000 |
| 3/4"-16 | 0318-8 | 4500 |
| 7/8"-14 | 0318-10 | 3500 |
| 1 1/16"-12 | 0318-12 | 3500 |
| 1 3/16"-12 | 0318-14 | 3000 |
| 1 5/16"-12 | 0318-16 | 3000 |
| 1 5/8"-12 | 0318-20 | 2500 |
| 1 7/8"-12 | 0318-24 | 2000 |
| 2 1/2"-12 | 0318-32 | 1500 |

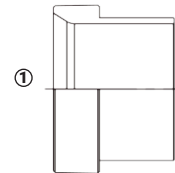


SAE 070110

JIC 37°
C

Serie 0319 - Manga para Unión a Tubo

| Rosca JIC | Acero al Carbón Zincado # de Parte | PSI |
|------------|---------------------------------------|------|
| 3/8"-24 | 0319-3 | 5000 |
| 7/16"-20 | 0319-4 | 5000 |
| 1/2"-20 | 0319-5 | 5000 |
| 9/16"-18 | 0319-6 | 5000 |
| 3/4"-16 | 0319-8 | 4500 |
| 7/8"-14 | 0319-10 | 3500 |
| 1 1/16"-12 | 0319-12 | 3500 |
| 1 3/16"-12 | 0319-14 | 3000 |
| 1 5/16"-12 | 0319-16 | 3000 |
| 1 5/8"-12 | 0319-20 | 2500 |
| 1 7/8"-12 | 0319-24 | 2000 |
| 2 1/2"-12 | 0319-32 | 1500 |

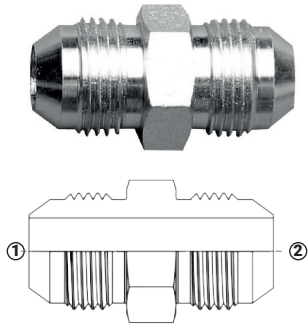


SAE 070115

Serie 1204 - Unión JIC 37° SAE 070101

JIC 37°

C

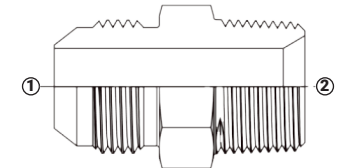
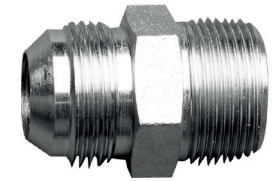


(1) Macho JIC 37°
 (2) Macho JIC 37°
 SAE 070101

| Rosca Macho JIC | Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|------------------------------------|------|
| 3/8"-24 | 3/8"-24 | 1204-03-03 | 5000 |
| 7/16"-20 | 5/16"-24 | 1204-04-02 | 5000 |
| 7/16"-20 | 7/16"-20 | 1204-04-04 | 5000 |
| 1/2"-20 | 7/16"-20 | 1204-05-04 | 5000 |
| 1/2"-20 | 1/2"-20 | 1204-05-05 | 5000 |
| 9/16"-18 | 7/16"-20 | 1204-06-04 | 5000 |
| 9/16"-18 | 9/16"-18 | 1204-06-06 | 5000 |
| 3/4"-16 | 7/16"-20 | 1204-08-04 | 4500 |
| 3/4"-16 | 9/16"-18 | 1204-08-06 | 4500 |
| 3/4"-16 | 3/4"-16 | 1204-08-08 | 4500 |
| 7/8"-14 | 9/16"-18 | 1204-10-06 | 3500 |
| 7/8"-14 | 3/4"-16 | 1204-10-08 | 3500 |
| 7/8"-14 | 7/8"-14 | 1204-10-10 | 3500 |
| 1 1/16"-12 | 3/4"-16 | 1204-12-08 | 3500 |
| 1 1/16"-12 | 7/8"-14 | 1204-12-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 1204-12-12 | 3500 |
| 1 3/16"-12 | 1 1/16"-12 | 1204-14-12 | 3000 |
| 1 3/16"-12 | 1 3/16"-12 | 1204-14-14 | 3000 |
| 1 5/16"-12 | 3/4"-16 | 1204-16-08 | 3000 |
| 1 5/16"-12 | 1 1/16"-12 | 1204-16-12 | 3000 |
| 1 5/16"-12 | 1 5/16"-12 | 1204-16-16 | 3000 |
| 1 5/8"-12 | 1 5/16"-12 | 1204-20-16 | 2500 |
| 1 5/8"-12 | 1 5/8"-12 | 1204-20-20 | 2500 |
| 1 7/8"-12 | 1 5/8"-12 | 1204-24-20 | 2000 |
| 1 7/8"-12 | 1 7/8"-12 | 1204-24-24 | 2000 |
| 2 1/2"-12 | 2 1/2"-12 | 1204-32-32 | 1500 |

Serie 2404 - Unión Macho JIC 37° x Macho NPTF

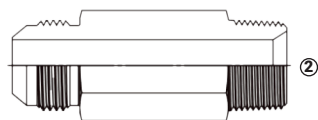
| Rosca Macho JIC | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------------|---------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 2404-4-2 | 5000 |
| 3/8"-24 | 1/8"-27 | 2404-3-2 | 5000 |
| 7/16"-20 | 1/8"-27 | 2404-4-2 | 5000 |
| 7/16"-20 | 3/8"-18 | 2404-4-6 | 4000 |
| 7/16"-20 | 1/4"-18 | 2404-4-4 | 5000 |
| 7/16"-20 | 1/2"-14 | 2404-4-8 | 3000 |
| 7/16"-20 | 3/4"-14 | 2404-4-12 | 2500 |
| 1/2"-20 | 1/8"-27 | 2404-5-2 | 5000 |
| 1/2"-20 | 1/4"-18 | 2404-5-4 | 5000 |
| 1/2"-20 | 3/8"-18 | 2404-5-6 | 4000 |
| 1/2"-20 | 1/2"-14 | 2404-5-8 | 3000 |
| 9/16"-18 | 1/8"-27 | 2404-6-2 | 5000 |
| 9/16"-18 | 1/4"-18 | 2404-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 2404-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | 2404-6-8 | 3000 |
| 9/16"-18 | 3/4"-14 | 2404-6-12 | 2500 |
| 3/4"-16 | 1/4"-18 | 2404-8-4 | 4500 |
| 3/4"-16 | 3/8"-18 | 2404-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 2404-8-8 | 3000 |
| 3/4"-16 | 3/4"-14 | 2404-8-12 | 3500 |
| 3/4"-16 | 1"- 11 1/2 | 2404-8-16 | 3000 |
| 7/8"-14 | 3/8"-18 | 2404-10-6 | 3500 |
| 7/8"-14 | 1/2"-14 | 2404-10-8 | 3500 |
| 7/8"-14 | 3/4"-14 | 2404-10-12 | 3000 |
| 7/8"-14 | 1"- 11 1/2 | 2404-10-16 | 3000 |
| 1 1/16"-12 | 3/8"-18 | 2404-12-6 | 2500 |
| 1 1/16"-12 | 1/2"-14 | 2404-12-8 | 2500 |
| 1 1/16"-12 | 3/4"-14 | 2404-12-12 | 2500 |
| 1 1/16"-12 | 1"- 11 1/2 | 2404-12-16 | 2500 |
| 1 1/16"-12 | 1 1/4" - 11 1/2 | 2404-12-20 | 2500 |
| 1 3/16"-12 | 3/4"-14 | 2404-14-12 | 2500 |
| 1 5/16"-12 | 1/2"-14 | 2404-16-8 | 2000 |
| 1 5/16"-12 | 3/4"-14 | 2404-16-12 | 2000 |
| 1 5/16"-12 | 1"- 11 1/2 | 2404-16-16 | 2000 |
| 1 5/16"-12 | 1 1/4" - 11 1/2 | 2404-16-20 | 2000 |
| 1 5/16"-12 | 1 1/2" - 11 1/2 | 2404-16-24 | 2000 |
| 1 5/8"-12 | 3/4"-14 | 2404-20-12 | 1150 |
| 1 5/8"-12 | 1"- 11 1/2 | 2404-20-16 | 1150 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 2404-20-20 | 1150 |
| 1 5/8"-12 | 1 1/2" - 11 1/2 | 2404-20-24 | 1150 |
| 1 7/8"-12 | 1 1/4" - 11 1/2 | 2404-24-20 | 1000 |
| 1 7/8"-12 | 1 1/2" - 11 1/2 | 2404-24-24 | 1000 |
| 1 7/8"-12 | 2"- 11 1/2 | 2404-24-32 | 1000 |
| 2 1/2"-12 | 1 1/2" - 11 1/2 | 2404-32-24 | 1000 |
| 2 1/2"-12 | 2"- 11 1/2 | 2404-32-32 | 1000 |



(1) Macho JIC 37°
(2) Macho NPTF
SAE 070102

JIC 37°
C

Serie 2404L - Unión Larga Macho JIC 37° x Macho NPTF



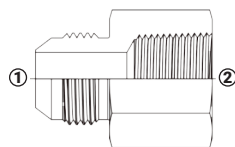
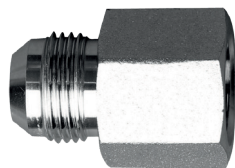
JIC 37°

C

(1) Macho JIC 37°
(2) Macho NPTF

| Rosca Macho JIC | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------------|------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 2404L-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 2404L-4-4 | 5000 |
| 9/16"-18 | 1/4"-18 | 2404L-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 2404L-6-6 | 4000 |
| 3/4"-16 | 3/8"-18 | 2404L-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 2404L-8-8 | 3000 |
| 7/8"-14 | 1/2"-14 | 2404L-10-8 | 3500 |
| 1 1/16"-12 | 3/4"-14 | 2404L-12-12 | 2500 |
| 1 5/16"-12 | 1"- 11 1/2 | 2404L-16-16 | 2000 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 2404L-20-20 | 1150 |

Serie 2405 - Macho JIC 37° x Hembra NPTF

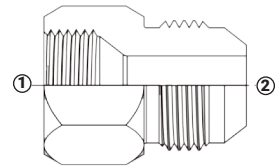
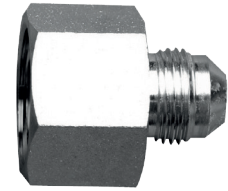


(1) Macho JIC 37°
(2) Hembra NPTF
SAE 070103

| Rosca Macho JIC | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-------------------|------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 2405-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 2405-4-4 | 5000 |
| 7/16"-20 | 3/8"-18 | 2405-4-6 | 4000 |
| 7/16"-20 | 1/2"-14 | 2405-4-8 | 3000 |
| 1/2"-20 | 1/8"-27 | 2405-5-2 | 5000 |
| 1/2"-20 | 1/4"-18 | 2405-5-4 | 5000 |
| 9/16"-18 | 1/8"-27 | 2405-6-2 | 5000 |
| 9/16"-18 | 1/4"-18 | 2405-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 2405-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | 2405-6-8 | 3000 |
| 3/4"-16 | 1/4"-18 | 2405-8-4 | 4500 |
| 3/4"-16 | 3/8"-18 | 2405-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 2405-8-8 | 3000 |
| 3/4"-16 | 3/4"-14 | 2405-8-12 | 4000 |
| 7/8"-14 | 3/8"-18 | 2405-10-6 | 3500 |
| 7/8"-14 | 1/2"-14 | 2405-10-8 | 3000 |
| 1 1/16"-12 | 1/2"-14 | 2405-12-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 2405-12-12 | 2500 |
| 1 1/16"-12 | 1"- 11 1/2 | 2405-12-16 | 2000 |
| 1 5/16"-12 | 3/4"-14 | 2405-16-12 | 2500 |
| 1 5/16"-12 | 1"- 11 1/2 | 2405-16-16 | 2000 |
| 1 5/16"-12 | 1 1/4" - 11 1/2 | 2405-16-20 | 2000 |
| 1 5/8"-12 | 1"- 11 1/2 | 2405-20-16 | 1150 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 2405-20-20 | 1150 |
| 1 7/8"-12 | 1 1/2" - 11 1/2 | 2405-24-24 | 1000 |
| 2 1/2"-12 | 2"- 11 1/2 | 2405-32-32 | 1000 |

Serie 2406 - Reducción Hembra JIC 37° x Macho JIC 37°

| Rosca Hembra JIC | Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|------------------|-----------------|---------------------------------------|------|
| 3/8"-24 | 7/16"-20 | 2406-3-4 | 5000 |
| 7/16"-20 | 9/16"-18 | 2406-4-6 | 5000 |
| 1/2"-20 | 7/16"-20 | 2406-5-4 | 5000 |
| 1/2"-20 | 9/16"-18 | 2406-5-6 | 5000 |
| 9/16"-18 | 7/16"-20 | 2406-6-4 | 5000 |
| 9/16"-18 | 1/2"-20 | 2406-6-5 | 5000 |
| 9/16"-18 | 3/4"-16 | 2406-6-8 | 4500 |
| 3/4"-16 | 7/16"-20 | 2406-8-4 | 4500 |
| 3/4"-16 | 9/16"-18 | 2406-8-6 | 4500 |
| 3/4"-16 | 7/8"-14 | 2406-8-10 | 3500 |
| 3/4"-16 | 1 1/16"-12 | 2406-8-12 | 3500 |
| 3/4"-16 | 1 5/16"-12 | 2406-8-16 | 3000 |
| 7/8"-14 | 7/16"-20 | 2406-10-4 | 3500 |
| 7/8"-14 | 9/16"-18 | 2406-10-6 | 3500 |
| 7/8"-14 | 3/4"-16 | 2406-10-8 | 3500 |
| 7/8"-14 | 1 1/16"-12 | 2406-10-12 | 3500 |
| 7/8"-14 | 1 5/16"-12 | 2406-10-16 | 3000 |
| 1 1/16"-12 | 7/16"-20 | 2406-12-4 | 3500 |
| 1 1/16"-12 | 9/16"-18 | 2406-12-6 | 3500 |
| 1 1/16"-12 | 3/4"-16 | 2406-12-8 | 3500 |
| 1 1/16"-12 | 7/8"-14 | 2406-12-10 | 3500 |
| 1 1/16"-12 | 1 5/16"-12 | 2406-12-16 | 3000 |
| 1 3/16"-12 | 9/16"-18 | 2406-14-6 | 3000 |
| 1 3/16"-12 | 3/4"-16 | 2406-14-8 | 3000 |
| 1 3/16"-12 | 7/8"-14 | 2406-14-10 | 3000 |
| 1 3/16"-12 | 1 1/16"-12 | 2406-14-12 | 3000 |
| 1 5/16"-12 | 7/16"-20 | 2406-16-4 | 3000 |
| 1 5/16"-12 | 9/16"-18 | 2406-16-6 | 3000 |
| 1 5/16"-12 | 3/4"-16 | 2406-16-8 | 3000 |
| 1 5/16"-12 | 7/8"-14 | 2406-16-10 | 3000 |
| 1 5/16"-12 | 1 1/16"-12 | 2406-16-12 | 3000 |
| 1 5/16"-12 | 1 3/16"-12 | 2406-16-14 | 3000 |
| 1 5/16"-12 | 1 5/8"-12 | 2406-16-20 | 2500 |
| 1 5/8"-12 | 7/16"-20 | 2406-20-4 | 2500 |
| 1 5/8"-12 | 3/4"-16 | 2406-20-8 | 2500 |
| 1 5/8"-12 | 1 1/16"-12 | 2406-20-12 | 2500 |
| 1 5/8"-12 | 1 5/16"-12 | 2406-20-16 | 2500 |
| 1 5/8"-12 | 1 7/8"-12 | 2406-20-24 | 2000 |
| 1 7/8"-12 | 1 5/16"-12 | 2406-24-16 | 2000 |
| 1 7/8"-12 | 1 5/8"-12 | 2406-24-20 | 2000 |
| 1 7/8"-12 | 2 1/2"-12 | 2406-24-32 | 1500 |



(1) Hembra JIC 37°
(2) Macho JIC 37°

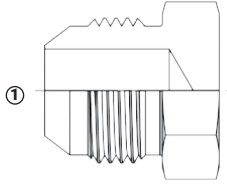
SAE 070123

JIC 37°
C

Serie 1254 - Tapón Hexagonal JIC 37°

JIC 37°

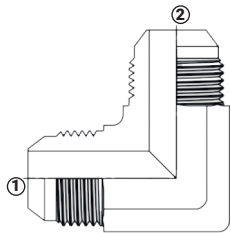
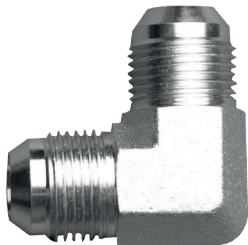
C



(1) Macho JIC 37°
SAE 070109

| Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|---------------------------------------|------|
| 5/16"-24 | 1254-02H | 5000 |
| 3/8"-24 | 1254-03H | 5000 |
| 7/16"-20 | 1254-04H | 5000 |
| 1/2"-20 | 1254-05H | 5000 |
| 9/16"-18 | 1254-06H | 5000 |
| 3/4"-16 | 1254-08H | 4500 |
| 7/8"-14 | 1254-10H | 3500 |
| 1 1/16"-12 | 1254-12H | 3500 |
| 1 3/16"-12 | 1254-14H | 3000 |
| 1 5/16"-12 | 1254-16H | 3000 |
| 1 5/8"-12 | 1254-20H | 2500 |
| 1 7/8"-12 | 1254-24H | 2000 |
| 2 1/2"-12 | 1254-32H | 1500 |

Serie 1234 - Codo 90° Macho JIC 37°

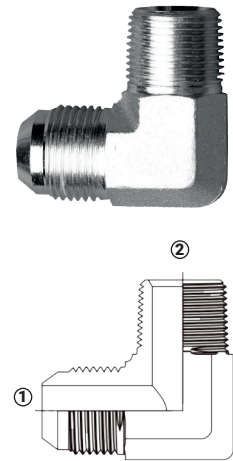


(1) Macho JIC 37°
(2) Macho JIC 37°
SAE 070201

| Rosca Macho JIC | Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|---------------------------------------|------|
| 5/16"-24 | 5/16"-24 | 1234-02-02 | 5000 |
| 7/16"-20 | 7/16"-20 | 1234-04-04 | 5000 |
| 1/2"-20 | 1/2"-20 | 1234-05-05 | 5000 |
| 9/16"-18 | 7/16"-20 | 1234-06-04 | 5000 |
| 9/16"-18 | 9/16"-18 | 1234-06-06 | 5000 |
| 3/4"-16 | 3/4"-16 | 1234-08-08 | 4500 |
| 7/8"-14 | 3/4"-16 | 1234-10-08 | 3500 |
| 7/8"-14 | 7/8"-14 | 1234-10-10 | 3500 |
| 1 1/16"-12 | 3/4"-16 | 1234-12-08 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 1234-12-12 | 3500 |
| 1 3/16"-12 | 1 3/16"-12 | 1234-14-14 | 3000 |
| 1 5/16"-12 | 1 1/16"-12 | 1234-16-12 | 3000 |
| 1 5/16"-12 | 1 5/16"-12 | 1234-16-16 | 3000 |
| 1 5/8"-12 | 1 5/16"-12 | 1234-20-16 | 2500 |
| 1 5/8"-12 | 1 5/8"-12 | 1234-20-20 | 2500 |
| 1 7/8"-12 | 1 7/8"-12 | 1234-24-24 | 2000 |
| 2 1/2"-12 | 2 1/2"-12 | 1234-32-32 | 1500 |

Serie 2501 - Codo 90° Macho JIC 37° x Macho NPTF

| Rosca Macho JIC | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------------|---------------------------------------|------|
| 1/8"-27 | 1/8"-27 | 2501-2-2 | 5000 |
| 1/8"-27 | 1/4"-18 | 2501-2-4 | 5000 |
| 3/8"-24 | 1/8"-27 | 2501-3-2 | 5000 |
| 1/4"-18 | 1/8"-27 | 2501-4-2 | 5000 |
| 1/4"-18 | 1/4"-18 | 2501-4-4 | 5000 |
| 1/4"-18 | 3/8"-18 | 2501-4-6 | 4000 |
| 1/4"-18 | 1/2"-14 | 2501-4-8 | 3000 |
| 1/4"-18 | 3/4"-14 | 2501-4-12 | 2500 |
| 1/2"-20 | 1/8"-27 | 2501-5-2 | 5000 |
| 1/2"-20 | 1/4"-18 | 2501-5-4 | 5000 |
| 1/2"-20 | 3/8"-18 | 2501-5-6 | 4000 |
| 1/2"-20 | 1/2"-14 | 2501-5-8 | 3000 |
| 9/16"-18 | 1/8"-27 | 2501-6-2 | 5000 |
| 9/16"-18 | 1/4"-18 | 2501-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 2501-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | 2501-6-8 | 3000 |
| 9/16"-18 | 3/4"-14 | 2501-6-12 | 2500 |
| 3/4"-16 | 1/4"-18 | 2501-8-4 | 4500 |
| 3/4"-16 | 3/8"-18 | 2501-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 2501-8-8 | 3000 |
| 3/4"-16 | 3/4"-14 | 2501-8-12 | 2500 |
| 3/4"-16 | 1"- 11 1/2 | 2501-8-16 | 2000 |
| 7/8"-14 | 3/8"-18 | 2501-10-6 | 4000 |
| 7/8"-14 | 1/2"-14 | 2501-10-8 | 3000 |
| 7/8"-14 | 3/4"-14 | 2501-10-12 | 2500 |
| 7/8"-14 | 1"- 11 1/2 | 2501-10-16 | 2000 |
| 1 1/16"-12 | 3/8"-18 | 2501-12-6 | 3500 |
| 1 1/16"-12 | 1/2"-14 | 2501-12-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 2501-12-12 | 2500 |
| 1 1/16"-12 | 1"- 11 1/2 | 2501-12-16 | 2000 |
| 1 1/16"-12 | 1 1/4" - 11 1/2 | 2501-12-20 | 1150 |
| 1 3/16"-12 | 3/4"-14 | 2501-14-12 | 2500 |
| 1 3/16"-12 | 1"- 11 1/2 | 2501-14-16 | 2000 |
| 1 5/16"-12 | 1/2"-14 | 2501-16-8 | 3000 |
| 1 5/16"-12 | 3/4"-14 | 2501-16-12 | 2500 |
| 1 5/16"-12 | 1"- 11 1/2 | 2501-16-16 | 2000 |
| 1 5/16"-12 | 1 1/4" - 11 1/2 | 2501-16-20 | 1150 |
| 1 5/16"-12 | 1 1/2" -11 1/2 | 2501-16-24 | 1000 |
| 1 5/8"-12 | 3/4"-14 | 2501-20-12 | 2500 |
| 1 5/8"-12 | 1"- 11 1/2 | 2501-20-16 | 2000 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 2501-20-20 | 1150 |
| 1 5/8"-12 | 1 1/2" -11 1/2 | 2501-20-24 | 1000 |
| 1 7/8"-12 | 1"- 11 1/2 | 2501-24-16 | 2000 |
| 1 7/8"-12 | 1 1/4" - 11 1/2 | 2501-24-20 | 1150 |
| 1 7/8"-12 | 1 1/2" -11 1/2 | 2501-24-24 | 1000 |
| 1 7/8"-12 | 2"-11 1/2 | 2501-24-32 | 1000 |
| 2 1/2"-12 | 1 1/2" -11 1/2 | 2501-32-24 | 1000 |
| 2 1/2"-12 | 2"-11 1/2 | 2501-32-32 | 1000 |



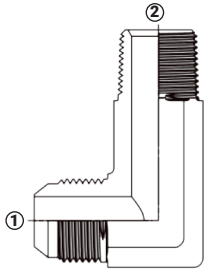
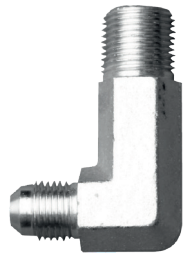
(1) Macho JIC 37°
(2) Macho NPTF
SAE 070202

JIC 37°
C

Serie 2501L - Codo 90° Macho JIC 37° x Macho NPTF Largo

JIC 37°

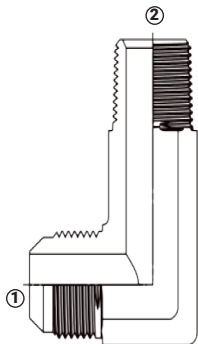
C



(1) Macho JIC 37°
 (2) Macho NPTF
 SAE 071502

| Rosca Macho JIC | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------------|------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 2501L-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 2501L-4-4 | 5000 |
| 1/2"-20 | 1/8"-27 | 2501L-5-2 | 5000 |
| 9/16"-18 | 1/4"-18 | 2501L-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 2501L-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | 2501L-6-8 | 3000 |
| 3/4"-16 | 3/8"-18 | 2501L-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 2501L-8-8 | 3000 |
| 3/4"-16 | 3/4"-14 | 2501L-8-12 | 2500 |
| 7/8"-14 | 1/2"-14 | 2501L-10-8 | 3000 |
| 1 1/16"-12 | 1/2"-14 | 2501L-12-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 2501L-12-12 | 2500 |
| 1 5/16"-12 | 3/4"-14 | 2501L-16-12 | 2500 |
| 1 5/16"-12 | 1" - 11 1/2 | 2501L-16-16 | 2000 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 2501L-20-20 | 1150 |

Serie 2501LL - Codo 90° Macho JIC 37° x Macho NPTF Largo

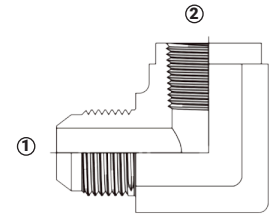
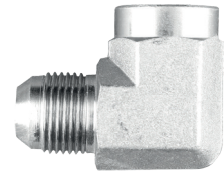


(1) Macho JIC 37°
 (2) Macho NPTF
 SAE 071602

| Rosca Macho JIC | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------------|------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 2501LL-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 2501LL-4-4 | 5000 |
| 9/16"-18 | 1/4"-18 | 2501LL-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 2501LL-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | 2501LL-6-8 | 3000 |
| 3/4"-16 | 3/8"-18 | 2501LL-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 2501LL-8-8 | 3000 |
| 7/8"-14 | 1/2"-14 | 2501LL-10-8 | 3000 |
| 1 1/16"-12 | 1/2"-14 | 2501LL-12-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 2501LL-12-12 | 2500 |

Serie 2502 - Codo 90° Macho JIC 37° x Hembra NPTF

| Rosca Macho JIC | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-------------------|---------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 2502-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 2502-4-4 | 5000 |
| 7/16"-20 | 3/8"-18 | 2502-4-6 | 4000 |
| 7/16"-20 | 1/2"-14 | 2502-4-8 | 3000 |
| 1/2"-20 | 1/8"-27 | 2502-5-2 | 5000 |
| 1/2"-20 | 1/8"-27 | 2502-6-2 | 5000 |
| 1/2"-20 | 1/4"-18 | 2502-6-4 | 5000 |
| 1/2"-20 | 3/8"-18 | 2502-6-6 | 4000 |
| 3/4"-16 | 1/4"-18 | 2502-8-4 | 4500 |
| 3/4"-16 | 3/8"-18 | 2502-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 2502-8-8 | 3000 |
| 3/4"-16 | 3/4"-14 | 2502-8-12 | 2500 |
| 7/8"-14 | 3/8"-18 | 2502-10-6 | 3500 |
| 7/8"-14 | 1/2"-14 | 2502-10-8 | 3000 |
| 7/8"-14 | 3/4"-14 | 2502-10-12 | 2500 |
| 1 1/16"-12 | 1/2"-14 | 2502-12-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 2502-12-12 | 2500 |
| 1 3/16"-12 | 3/4"-14 | 2502-14-12 | 2500 |
| 1 3/16"-12 | 3/4"-14 | 2502-16-12 | 2500 |
| 1 3/16"-12 | 1"-11 1/2 | 2502-16-16 | 2000 |
| 1 5/8"-12 | 1 1/4"-11 1/2 | 2502-20-20 | 1150 |
| 1 7/8"-12 | 1 1/2"-11 1/2 | 2502-24-24 | 1000 |
| 2 1/2"-12 | 2"-11 1/2 | 2502-32-32 | 1000 |



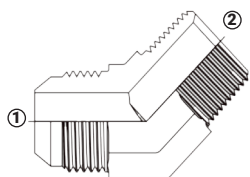
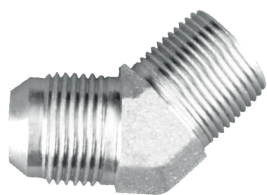
(1) Macho JIC 37°
 (2) Hembra NPTF
 SAE 070203

JIC 37°
C

Serie 2503 - Codo 45° Macho JIC 37° x Macho NPTF

JIC 37°

C

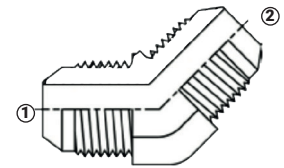


(1) Macho JIC 37°
 (2) Macho NPTF
 SAE 070302

| Rosca Macho JIC | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------------|---------------------------------------|------|
| 3/8"-24 | 1/8"-27 | 2503-3-2 | 5000 |
| 7/16"-20 | 1/8"-27 | 2503-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 2503-4-4 | 5000 |
| 7/16"-20 | 3/8"-18 | 2503-4-6 | 4000 |
| 1/2"-20 | 1/8"-27 | 2503-5-2 | 5000 |
| 1/2"-20 | 1/4"-18 | 2503-5-4 | 5000 |
| 1/2"-20 | 3/8"-18 | 2503-5-6 | 4000 |
| 9/16"-18 | 1/8"-27 | 2503-6-2 | 5000 |
| 9/16"-18 | 1/4"-18 | 2503-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 2503-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | 2503-6-8 | 3000 |
| 9/16"-18 | 3/4"-14 | 2503-6-12 | 2500 |
| 3/4"-16 | 1/4"-18 | 2503-8-4 | 4500 |
| 3/4"-16 | 3/8"-18 | 2503-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 2503-8-8 | 3000 |
| 3/4"-16 | 3/4"-14 | 2503-8-12 | 2500 |
| 7/8"-14 | 1/4"-18 | 2503-10-4 | 3500 |
| 7/8"-14 | 3/8"-18 | 2503-10-6 | 3500 |
| 7/8"-14 | 1/2"-14 | 2503-10-8 | 3000 |
| 7/8"-14 | 3/4"-14 | 2503-10-12 | 2500 |
| 1 1/16"-12 | 1/2"-14 | 2503-12-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 2503-12-12 | 2500 |
| 1 1/16"-12 | 1" - 11 1/2 | 2503-12-16 | 2000 |
| 1 5/16"-12 | 3/4"-14 | 2503-16-12 | 2500 |
| 1 5/16"-12 | 1" - 11 1/2 | 2503-16-16 | 2000 |
| 1 5/16"-12 | 1 1/4" - 11 1/2 | 2503-16-20 | 1150 |
| 1 5/8"-12 | 1" - 11 1/2 | 2503-20-16 | 2000 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 2503-20-20 | 1150 |
| 1 5/8"-12 | 1 1/2" - 11 1/2 | 2503-20-24 | 1000 |
| 1 7/8"-12 | 1" - 11 1/2 | 2503-24-16 | 2000 |
| 1 7/8"-12 | 1 1/4" - 11 1/2 | 2503-24-20 | 1150 |
| 1 7/8"-12 | 1 1/2" - 11 1/2 | 2503-24-24 | 1000 |
| 2 1/2"-12 | 1 1/2" - 11 1/2 | 2503-32-24 | 1000 |
| 2 1/2"-12 | 2" - 11 1/2 | 2503-32-32 | 1000 |

Serie 2504 - Codo 45° Macho JIC 37°

| Rosca Macho JIC | Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|---------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 2504-4-4 | 5000 |
| 9/16"-18 | 9/16"-18 | 2504-6-6 | 5000 |
| 3/4"-16 | 3/4"-16 | 2504-8-8 | 4500 |
| 7/8"-14 | 7/8"-14 | 2504-10-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 2504-12-12 | 3500 |
| 1 5/16"-12 | 1 5/16"-12 | 2504-16-16 | 3000 |

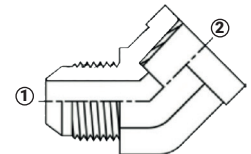
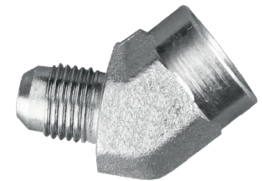


JIC 37°
C

- (1) Macho JIC 37°
- (2) Macho JIC 37°

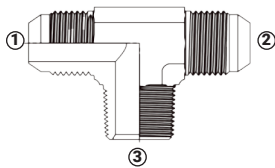
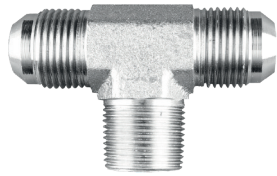
Serie 2505 - Codo 45° Macho JIC 37° x Hembra NPTF

| Rosca Macho JIC | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-------------------|---------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 2505-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 2505-4-4 | 5000 |
| 9/16"-18 | 1/4"-18 | 2505-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 2505-6-6 | 4000 |
| 3/4"-16 | 3/8"-18 | 2505-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 2505-8-8 | 4000 |
| 7/8"-14 | 1/2"-14 | 2505-10-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 2505-12-12 | 2500 |



- (1) Macho JIC 37°
- (2) Hembra NPTF

Serie 2601 - Tee de Ramificación Macho JIC 37° x Macho JIC 37° x Macho NPTF



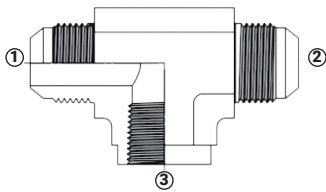
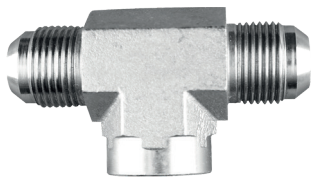
JIC 37°

C

- (1) Macho JIC 37°
 - (2) Macho JIC 37°
 - (3) Macho NPTF
- SAE 070425

| Rosca Macho JIC | Rosca Macho JIC | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|------------------|------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 1/8"-27 | 2601-4-4-2 | 5000 |
| 7/16"-20 | 7/16"-20 | 1/4"-18 | 2601-4-4-4 | 5000 |
| 7/16"-20 | 7/16"-20 | 3/8"-18 | 2601-4-4-6 | 4000 |
| 9/16"-18 | 9/16"-18 | 1/8"-27 | 2601-6-6-2 | 5000 |
| 9/16"-18 | 9/16"-18 | 1/4"-18 | 2601-6-6-4 | 5000 |
| 9/16"-18 | 9/16"-18 | 3/8"-18 | 2601-6-6-6 | 4000 |
| 3/4"-16 | 3/4"-16 | 1/4"-18 | 2601-8-8-4 | 4500 |
| 3/4"-16 | 9/16"-18 | 3/8"-18 | 2601-8-6-6 | 4000 |
| 3/4"-16 | 3/4"-16 | 3/8"-18 | 2601-8-8-6 | 4000 |
| 3/4"-16 | 3/4"-16 | 3/4"-14 | 2601-8-8-12 | 2500 |
| 3/4"-16 | 3/4"-16 | 1/2"-14 | 2601-8-8-8 | 3000 |
| 7/8"-14 | 7/8"-14 | 1/2"-14 | 2601-10-10-8 | 3000 |
| 1 1/16"-12 | 1 1/16"-12 | 1/2"-14 | 2601-12-12-8 | 3000 |
| 1 1/16"-12 | 1 1/16"-12 | 3/4"-14 | 2601-12-12-12 | 2500 |
| 1 5/16"-12 | 1 5/16"-12 | 1"- 11 1/2 | 2601-16-16-16 | 2000 |
| 1 5/8"-12 | 1 5/8"-12 | 1 1/4" - 11 1/2 | 2601-20-20-20 | 1150 |
| 1 7/8"-12 | 1 7/8"-12 | 1 1/2" -11 1/2 | 2601-24-24-24 | 1000 |
| 2 1/2"-12 | 2 1/2"-12 | 2"-11 1/2 | 2601-32-32-32 | 1000 |

Serie 2602 - Tee Ramificación Macho JIC 37° x Macho JIC 37° x Hembra NPTF

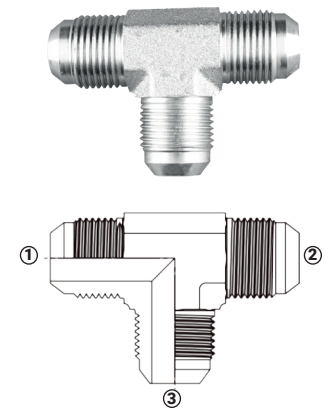


- (1) Macho JIC 37°
 - (2) Macho JIC 37°
 - (3) Hembra NPTF
- SAE 070427

| Rosca Macho JIC (2) | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|---------------------|-------------------|------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 2602-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 2602-4-4 | 5000 |
| 9/16"-18 | 1/4"-18 | 2602-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 2602-6-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 2602-8-8 | 3000 |
| 7/8"-14 | 1/2"-14 | 2602-10-8 | 3000 |
| 1 1/16"-12 | 1/2"-14 | 2602-12-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 2602-12-12 | 2500 |
| 1 5/16"-12 | 1"- 11 1/2 | 2602-16-16 | 2000 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 2602-20-20 | 1150 |
| 1 7/8"-12 | 1 1/2" -11 1/2 | 2602-24-24 | 1000 |
| 2 1/2"-12 | 2"-11 1/2 | 2602-32-32 | 1000 |

Serie 2603 - Tee Unión Macho JIC 37°

| Rosca Macho JIC | Rosca Macho JIC | Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|-----------------|------------------------------------|------|
| 5/16"-24 | 5/16"-24 | 5/16"-24 | 2603-2 | 5000 |
| 3/8"-24 | 3/8"-24 | 3/8"-24 | 2603-3 | 5000 |
| 7/16"-20 | 7/16"-20 | 7/16"-20 | 2603-4 | 5000 |
| 1/2"-20 | 1/2"-20 | 1/2"-20 | 2603-5 | 5000 |
| 9/16"-18 | 9/16"-18 | 7/16"-20 | 2603-6-6-4 | 5000 |
| 9/16"-18 | 9/16"-18 | 3/4"-16 | 2603-6-6-8 | 4500 |
| 9/16"-18 | 9/16"-18 | 9/16"-18 | 2603-6 | 5000 |
| 3/4"-16 | 3/4"-16 | 9/16"-18 | 2603-8-8-6 | 4500 |
| 3/4"-16 | 3/4"-16 | 3/4"-16 | 2603-8 | 4500 |
| 7/8"-14 | 7/8"-14 | 3/4"-16 | 2603-10-10-8 | 3500 |
| 7/8"-14 | 7/8"-14 | 1 1/16"-12 | 2603-10-10-12 | 3500 |
| 7/8"-14 | 7/8"-14 | 7/8"-14 | 2603-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 1 5/16"-12 | 2603-12-12-16 | 3000 |
| 1 1/16"-12 | 1 1/16"-12 | 1 1/16"-12 | 2603-12 | 3000 |
| 1 3/16"-12 | 1 3/16"-12 | 1 3/16"-12 | 2603-14 | 3000 |
| 1 5/16"-12 | 1 1/16"-12 | 1 1/16"-12 | 2603-16-12-12 | 3000 |
| 1 5/16"-12 | 1 5/16"-12 | 1 1/16"-12 | 2603-16-16-12 | 3000 |
| 1 5/16"-12 | 1 5/16"-12 | 1 5/16"-12 | 2603-16 | 3000 |
| 1 5/8"-12 | 1 5/8"-12 | 1 5/8"-12 | 2603-20 | 2500 |
| 1 7/8"-12 | 1 7/8"-12 | 1 7/8"-12 | 2603-24 | 2000 |
| 2 1/2"-12 | 2 1/2"-12 | 2 1/2"-12 | 2603-32 | 1500 |



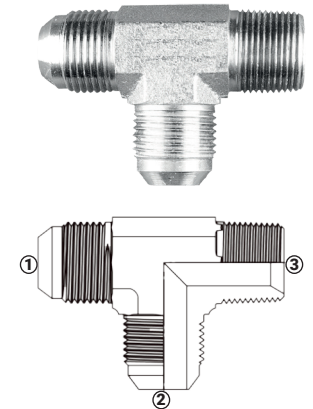
- (1) Macho JIC 37°
- (2) Macho JIC 37°
- (3) Macho JIC 37°

SAE 070401

JIC 37°

Serie 2605 - Tee de Flujo Macho JIC 37° x Macho JIC 37° x Macho NPTF

| Rosca Macho JIC | Rosca Macho JIC | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|------------------|------------------------------------|------|
| 3/8"-24 | 3/8"-24 | 1/8"-27 | 2605-3-2 | 5000 |
| 7/16"-20 | 7/16"-20 | 1/8"-27 | 2605-4-2 | 5000 |
| 7/16"-20 | 7/16"-20 | 1/4"-18 | 2605-4-4 | 5000 |
| 1/2"-20 | 1/2"-20 | 1/8"-27 | 2605-5-2 | 5000 |
| 1/2"-20 | 1/2"-20 | 1/4"-18 | 2605-5-4 | 5000 |
| 9/16"-18 | 9/16"-18 | 1/4"-18 | 2605-6-4 | 5000 |
| 9/16"-18 | 9/16"-18 | 3/8"-18 | 2605-6-6 | 4000 |
| 3/4"-16 | 3/4"-16 | 3/8"-18 | 2605-8-6 | 4000 |
| 3/4"-16 | 3/4"-16 | 1/2"-14 | 2605-8-8 | 3000 |
| 3/4"-16 | 1 1/16"-12 | 1/2"-14 | 2605-8-12-8 | 3000 |
| 7/8"-14 | 7/8"-14 | 1/2"-14 | 2605-10-8 | 3000 |
| 1 1/16"-12 | 1 1/16"-12 | 1/2"-14 | 2605-12-8 | 3000 |
| 1 1/16"-12 | 1 1/16"-12 | 3/4"-14 | 2605-12-12 | 2500 |
| 1 3/16"-12 | 1 3/16"-12 | 3/4"-14 | 2605-14-12 | 2500 |
| 1 5/16"-12 | 1 5/16"-12 | 1"- 11 1/2 | 2605-16-16 | 2000 |
| 1 5/8"-12 | 1 5/8"-12 | 1 1/4" - 11 1/2 | 2605-20-20 | 1150 |
| 1 7/8"-12 | 1 7/8"-12 | 1 1/2" - 11 1/2 | 2605-24-24 | 1000 |
| 2 1/2"-12 | 2 1/2"-12 | 2"-11 1/2 | 2605-32-32 | 1000 |



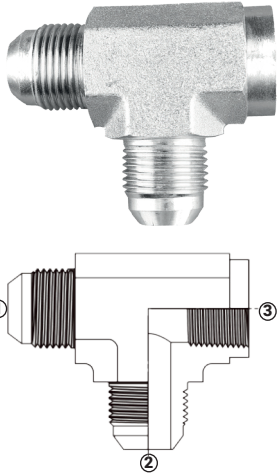
- (1) Macho JIC 37°
- (2) Macho JIC 37°
- (3) Macho NPTF

SAE 070424

Serie 2606 - Tee de Flujo Macho JIC 37° x Macho JIC 37° x Hembra NPTF

JIC 37°

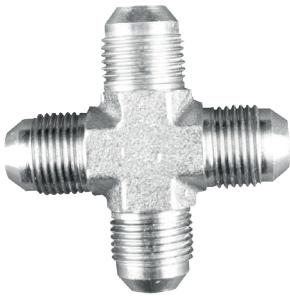
C



(1) Macho JIC 37°
 (2) Macho JIC 37°
 (3) Hembra NPTF
 SAE 070426

| Rosca Macho JIC (2) | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|---------------------|-------------------|------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 2606-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 2606-4-4 | 5000 |
| 9/16"-18 | 1/4"-18 | 2606-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 2606-6-6 | 4000 |
| 3/4"-16 | 3/8"-18 | 2606-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 2606-8-8 | 3000 |
| 7/8"-14 | 1/2"-14 | 2606-10-8 | 3000 |
| 1 1/16"-12 | 1/2"-14 | 2606-12-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 2606-12-12 | 2500 |

Serie 2650 - Cruz Macho JIC 37°



(1) Macho JIC 37°
 SAE 070501

| Rosca Macho JIC (4) | Acero al Carbón Zincado # de Parte | PSI |
|---------------------|------------------------------------|------|
| 7/16"-20 | 2650-4 | 5000 |
| 1/2"-20 | 2650-5 | 5000 |
| 9/16"-18 | 2650-6 | 5000 |
| 3/4"-16 | 2650-8 | 4500 |
| 7/8"-14 | 2650-10 | 3500 |
| 1 1/16"-12 | 2650-12 | 3500 |
| 1 5/16"-12 | 2650-16 | 3000 |
| 1 5/8"-12 | 2650-20 | 2500 |
| 1 7/8"-12 | 2650-24 | 2000 |

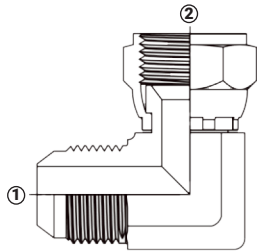
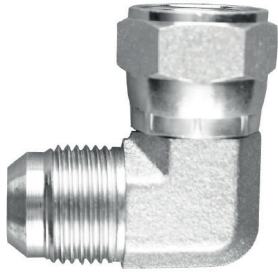
Rosca Hembra JIC 37° Giratoria

| Serie..... | Página | Configuración |
|-------------------|---------------|---|
| 6500 | 46 | Serie 6500 - Codo 90° Macho JIC 37° x Hembra JIC 37° Giratoria |
| 6501 | 46 | Serie 6501 - Codo 90° Hembra JIC 37° Giratoria x Macho NPTF |
| 6502 | 47 | Serie 6502 - Codo 45° Macho JIC 37° x Hembra JIC 37° Giratoria |
| 6503 | 47 | Serie 6503 - Codo 90° Hembra JIC 37° Giratoria x Hembra NPTF |
| 6504 | 48 | Serie 6504 - Macho JIC 37° x Hembra JIC 37° Giratoria |
| 6505 | 48 | Serie 6505 - Hembra JIC 37° Giratoria x Macho NPTF |
| 6506 | 49 | Serie 6506 - Hembra JIC 37° Giratoria x Hembra NPTF |
| 6509 | 49 | Serie 6509 - Hembra JIC 37° Giratoria x Hembra JIC 37° Giratoria |
| 6600 | 50 | Serie 6600 - Tee de Ramificación Macho JIC 37° x Macho JIC 37° x Hembra JIC 37° Giratoria |
| 6602 | 50 | Serie 6602 - Tee de Flujo Macho JIC 37° x Hembra JIC 37° Giratoria x Macho JIC 37° |

Serie 6500 - Codo 90° Macho JIC 37° x Hembra JIC 37° Giratoria

Hembra JIC 37° Giratoria

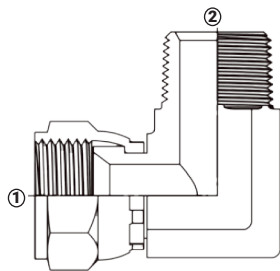
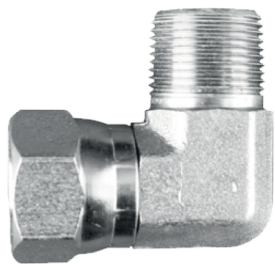
D



(1) Macho JIC
(2) Hembra JIC Giratoria
SAE 070221

| Rosca Macho JIC | Rosca Hembra JIC Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|----------------------------|------------------------------------|------|
| 5/16"-24 | 5/16"-24 | 6500-2 | 5000 |
| 3/8"-24 | 3/8"-24 | 6500-3 | 5000 |
| 7/16"-20 | 7/16"-20 | 6500-4 | 4500 |
| 1/2"-20 | 9/16"-18 | 6500-5-6 | 4000 |
| 1/2"-20 | 1/2"-20 | 6500-5 | 4000 |
| 9/16"-18 | 7/16"-20 | 6500-6-4 | 4500 |
| 9/16"-18 | 3/4"-16 | 6500-6-8 | 4000 |
| 9/16"-18 | 9/16"-18 | 6500-6 | 4000 |
| 3/4"-16 | 9/16"-18 | 6500-8-6 | 4000 |
| 3/4"-16 | 7/8"-14 | 6500-8-10 | 3000 |
| 3/4"-16 | 1 1/16"-12 | 6500-8-12 | 3000 |
| 3/4"-16 | 3/4"-16 | 6500-8 | 4000 |
| 7/8"-14 | 3/4"-16 | 6500-10-8 | 3500 |
| 7/8"-14 | 1 1/16"-12 | 6500-10-12 | 3000 |
| 7/8"-14 | 7/8"-14 | 6500-10 | 3000 |
| 1 1/16"-12 | 3/4"-16 | 6500-12-8 | 3500 |
| 1 1/16"-12 | 7/8"-14 | 6500-12-10 | 3000 |
| 1 1/16"-12 | 1 5/16"-12 | 6500-12-16 | 2500 |
| 1 1/16"-12 | 1 1/16"-12 | 6500-12 | 3000 |
| 1 3/16"-12 | 1 3/16"-12 | 6500-14 | 2500 |
| 1 5/16"-12 | 1 5/16"-12 | 6500-16 | 2500 |
| 1 5/8"-12 | 1 5/8"-12 | 6500-20 | 2000 |
| 1 7/8"-12 | 1 7/8"-12 | 6500-24 | 1500 |
| 2 1/2"-12 | 2 1/2"-12 | 6500-32 | 1125 |

Serie 6501 - Codo 90° Hembra JIC 37° Giratoria x Macho NPTF

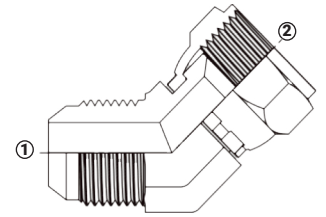
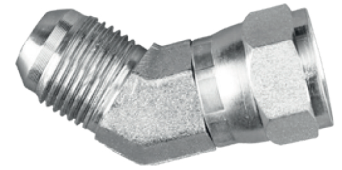


(1) Hembra JIC Giratoria
(2) Macho NPTF

| Rosca Hembra JIC Giratoria | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|----------------------------|------------------|------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 6501-4-2 | 4500 |
| 7/16"-20 | 1/4"-18 | 6501-4-4 | 4500 |
| 7/16"-20 | 3/8"-18 | 6501-4-6 | 4500 |
| 1/2"-20 | 1/8"-27 | 6501-5-2 | 4000 |
| 9/16"-18 | 1/4"-18 | 6501-6-4 | 4000 |
| 9/16"-18 | 3/8"-18 | 6501-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | 6501-6-8 | 3000 |
| 3/4"-16 | 3/8"-18 | 6501-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 6501-8-8 | 3000 |
| 7/8"-14 | 1/2"-14 | 6501-10-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 6501-12-12 | 2500 |
| 1 3/16"-12 | 3/4"-14 | 6501-14-12 | 2500 |
| 1 5/16"-12 | 1"-11 1/2 | 6501-16-16 | 2000 |
| 1 5/8"-12 | 1 1/4"-11 1/2 | 6501-20-20 | 1150 |
| 1 7/8"-12 | 1 1/2"-11 1/2 | 6501-24-24 | 1000 |
| 2 1/2"-12 | 2"-11 1/2 | 6501-32-32 | 1000 |

Serie 6502 - Codo 45° Macho JIC 37° x Hembra JIC 37° Giratoria

| Rosca Macho JIC | Rosca Hembra JIC Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|----------------------------|------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 6502-4 | 4500 |
| 1/2"-20 | 1/2"-20 | 6502-5 | 4000 |
| 9/16"-18 | 9/16"-18 | 6502-6 | 4000 |
| 3/4"-16 | 3/4"-16 | 6502-8 | 4000 |
| 7/8"-14 | 7/8"-14 | 6502-10 | 3000 |
| 1 1/16"-12 | 1 1/16"-12 | 6502-12 | 3000 |
| 1 3/16"-12 | 1 3/16"-12 | 6502-14 | 2500 |
| 1 5/16"-12 | 1 5/16"-12 | 6502-16 | 2500 |
| 1 5/8"-12 | 1 5/8"-12 | 6502-20 | 2000 |
| 1 7/8"-12 | 1 7/8"-12 | 6502-24 | 1500 |
| 2 1/2"-12 | 2 1/2"-12 | 6502-32 | 1125 |



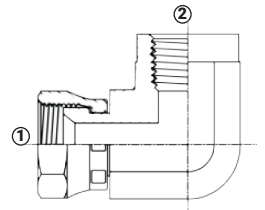
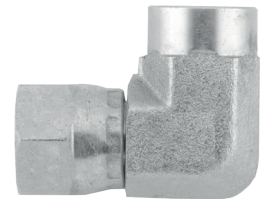
(1) Macho JIC
(2) Hembra JIC Giratoria
SAE 070321

Hembra JIC 37° Giratoria

D

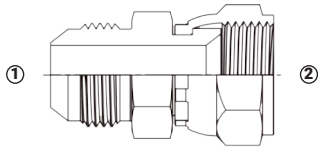
Serie 6503 - Codo 90° Hembra JIC 37° Giratoria x Hembra NPTF

| Rosca Hembra JIC Giratoria | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|----------------------------|-------------------|------------------------------------|------|
| 7/16"-20 | 1/4"-18 | 6503-4-4 | 4500 |
| 9/16"-18 | 1/4"-18 | 6503-6-4 | 4000 |
| 9/16"-18 | 3/8"-18 | 6503-6-6 | 4000 |
| 3/4"-16 | 3/8"-18 | 6503-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 6503-8-8 | 3000 |
| 7/8"-14 | 1/2"-14 | 6503-10-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 6503-12-12 | 2500 |
| 1 5/16"-12 | 1"- 11 1/2 | 6503-16-16 | 2000 |



(1) Hembra JIC Giratoria
(2) Hembra NPTF

Serie 6504 - Macho JIC 37° x Hembra JIC 37° Giratoria



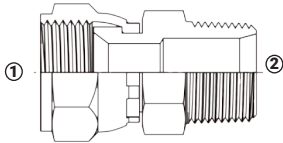
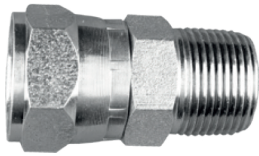
(1) Macho JIC
(2) Hembra JIC Giratoria

Hembra JIC
37° Giratoria

D

| Rosca Macho JIC | Rosca Hembra JIC Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|----------------------------|------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 6504-4-4 | 4500 |
| 7/16"-20 | 9/16"-18 | 6504-4-6 | 4000 |
| 9/16"-18 | 9/16"-18 | 6504-6-6 | 4000 |
| 9/16"-18 | 3/4"-16 | 6504-6-8 | 4000 |
| 3/4"-16 | 9/16"-18 | 6504-8-6 | 4000 |
| 3/4"-16 | 3/4"-16 | 6504-8-8 | 4000 |
| 3/4"-16 | 7/8"-14 | 6504-8-10 | 3000 |
| 3/4"-16 | 1 1/16"-12 | 6504-8-12 | 3000 |
| 7/8"-14 | 7/8"-14 | 6504-10-10 | 3000 |
| 1 1/16"-12 | 3/4"-16 | 6504-12-8 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 6504-12-12 | 3000 |
| 1 5/16"-12 | 1 5/16"-12 | 6504-16-16 | 2500 |
| 1 5/8"-12 | 1 5/8"-12 | 6504-20-20 | 2000 |
| 1 7/8"-12 | 1 7/8"-12 | 6504-24-24 | 1500 |

Serie 6505 - Hembra JIC 37° Giratoria x Macho NPTF

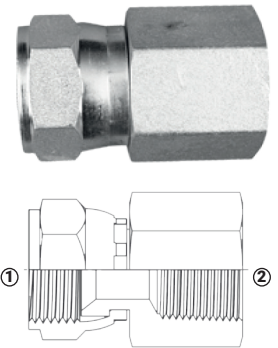


(1) Hembra JIC Giratoria
(2) Macho NPTF

| Rosca Hembra JIC Giratoria | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|----------------------------|------------------|------------------------------------|------|
| 5/16"-24 | 1/4"-18 | 6505-2-4 | 5000 |
| 7/16"-20 | 1/8"-27 | 6505-4-2 | 4500 |
| 7/16"-20 | 1/4"-18 | 6505-4-4 | 4500 |
| 7/16"-20 | 3/8"-18 | 6505-4-6 | 4000 |
| 1/2"-20 | 1/4"-18 | 6505-5-4 | 4000 |
| 9/16"-18 | 1/4"-18 | 6505-6-4 | 4000 |
| 9/16"-18 | 3/8"-18 | 6505-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | 6505-6-8 | 3000 |
| 3/4"-16 | 3/8"-18 | 6505-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 6505-8-8 | 3000 |
| 3/4"-16 | 3/4"-14 | 6505-8-12 | 2500 |
| 7/8"-14 | 3/8"-18 | 6505-10-6 | 3000 |
| 7/8"-14 | 1/2"-14 | 6505-10-8 | 3000 |
| 7/8"-14 | 3/4"-14 | 6505-10-12 | 2500 |
| 1 1/16"-12 | 1/2"-14 | 6505-12-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 6505-12-12 | 2500 |
| 1 5/16"-12 | 3/4"-14 | 6505-16-12 | 2500 |
| 1 5/16"-12 | 1" - 11 1/2 | 6505-16-16 | 2000 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 6505-20-20 | 1150 |
| 1 7/8"-12 | 1 1/2" - 11 1/2 | 6505-24-24 | 1000 |
| 2 1/2"-12 | 2" - 11 1/2 | 6505-32-32 | 1000 |

Serie 6506 - Hembra JIC 37° Giratoria x Hembra NPTF

| Rosca Hembra JIC Giratoria | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|----------------------------|-------------------|------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 6506-4-2 | 4500 |
| 7/16"-20 | 1/4"-18 | 6506-4-4 | 4500 |
| 7/16"-20 | 3/8"-18 | 6506-4-6 | 4000 |
| 9/16"-18 | 1/4"-18 | 6506-6-4 | 4000 |
| 9/16"-18 | 3/8"-18 | 6506-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | 6506-6-8 | 3000 |
| 3/4"-16 | 3/8"-18 | 6506-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 6506-8-8 | 3000 |
| 3/4"-16 | 3/4"-14 | 6506-8-12 | 2500 |
| 7/8"-14 | 3/8"-18 | 6506-10-6 | 3000 |
| 7/8"-14 | 1/2"-14 | 6506-10-8 | 3000 |
| 7/8"-14 | 3/4"-14 | 6506-10-12 | 2500 |
| 1 1/16"-12 | 1/2"-14 | 6506-12-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 6506-12-12 | 2500 |
| 1 3/16"-12 | 3/4"-14 | 6506-14-12 | 2500 |
| 1 5/16"-12 | 1"- 11 1/2 | 6506-16-16 | 2000 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 6506-20-20 | 1150 |
| 1 7/8"-12 | 1 1/2" -11 1/2 | 6506-24-24 | 1000 |
| 2 1/2"-12 | 2"-11 1/2 | 6506-32-32 | 1000 |



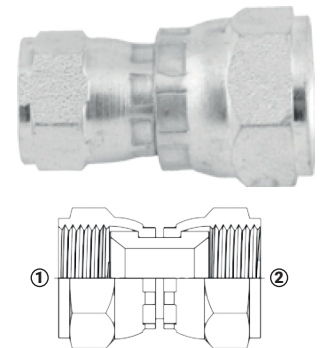
(1) Hembra JIC Giratoria
(2) Hembra NPTF

Hembra JIC 37° Giratoria

D

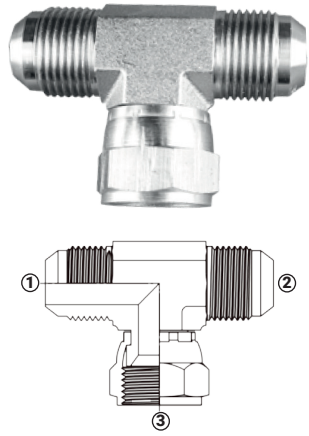
Serie 6509 - Hembra JIC 37° Giratoria x Hembra JIC 37° Giratoria

| Rosca Hembra JIC Giratoria | Rosca Hembra JIC Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|----------------------------|----------------------------|------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 6509-4-4 | 4500 |
| 9/16"-18 | 9/16"-18 | 6509-6-6 | 4000 |
| 3/4"-16 | 9/16"-18 | 6509-8-6 | 4000 |
| 3/4"-16 | 3/4"-16 | 6509-8-8 | 4000 |
| 7/8"-14 | 7/8"-14 | 6509-10-10 | 3000 |
| 1 1/16"-12 | 1 1/16"-12 | 6509-12-12 | 3000 |
| 1 5/16"-12 | 1 5/16"-12 | 6509-16-16 | 2500 |
| 1 5/8"-12 | 1 5/8"-12 | 6509-20-20 | 2000 |



(1) Hembra JIC Giratoria
(2) Hembra JIC Giratoria

Serie 6600 - Tee de Ramificación Macho JIC 37° x Macho JIC 37° x Hembra JIC 37° Giratoria

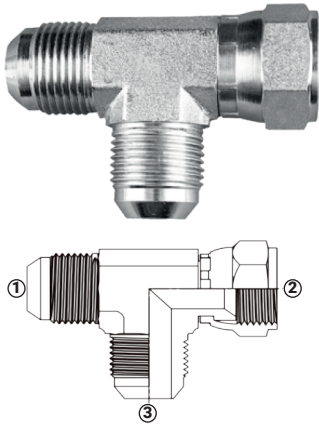


Hembra JIC 37° Giratoria

- (1) Macho JIC
 - (2) Macho JIC
 - (3) Hembra JIC Giratoria
- SAE 070433

| Rosca Macho JIC (2) | Rosca Hembra JIC Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|---------------------|----------------------------|------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 6600-4 | 4500 |
| 1/2"-20 | 1/2"-20 | 6600-5 | 4000 |
| 9/16"-18 | 9/16"-18 | 6600-6 | 4000 |
| 3/4"-16 | 3/4"-16 | 6600-8 | 4000 |
| 7/8"-14 | 7/8"-14 | 6600-10 | 3000 |
| 1 1/16"-12 | 1 1/16"-12 | 6600-12 | 3000 |
| 1 3/16"-12 | 1 3/16"-12 | 6600-14 | 2500 |
| 1 5/16"-12 | 1 5/16"-12 | 6600-16 | 2500 |
| 1 5/8"-12 | 1 5/8"-12 | 6600-20 | 2000 |
| 1 7/8"-12 | 1 7/8"-12 | 6600-24 | 1500 |
| 2 1/2"-12 | 2 1/2"-12 | 6600-32 | 1125 |

Serie 6602 - Tee de Flujo Macho JIC 37° x Hembra JIC 37° Giratoria x Macho JIC 37°



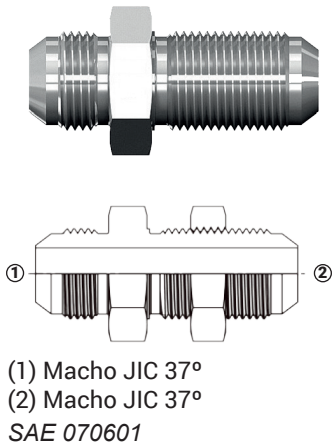
- (1) Macho JIC
 - (2) Hembra JIC Giratoria
 - (3) Macho JIC
- SAE 070432

| Rosca Macho JIC | Rosca Hembra JIC Giratoria | Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|----------------------------|-----------------|------------------------------------|------|
| 3/8"-24 | 3/8"-24 | 3/8"-24 | 6602-3 | 5000 |
| 7/16"-20 | 7/16"-20 | 7/16"-20 | 6602-4 | 4500 |
| 1/2"-20 | 1/2"-20 | 1/2"-20 | 6602-5 | 4000 |
| 9/16"-18 | 9/16"-18 | 9/16"-18 | 6602-6 | 4000 |
| 3/4"-16 | 3/4"-16 | 3/4"-16 | 6602-8 | 4000 |
| 7/8"-14 | 1 1/16"-12 | 7/8"-14 | 6602-10-12-10 | 3000 |
| 7/8"-14 | 7/8"-14 | 7/8"-14 | 6602-10 | 3000 |
| 1 1/16"-12 | 1 1/16"-12 | 1 1/16"-12 | 6602-12 | 3000 |
| 1 3/16"-12 | 1 3/16"-12 | 1 3/16"-12 | 6602-14 | 2500 |
| 1 5/16"-12 | 1 5/16"-12 | 1 5/16"-12 | 6602-16 | 2500 |
| 1 5/8"-12 | 1 5/8"-12 | 1 5/8"-12 | 6602-20 | 2000 |
| 1 7/8"-12 | 1 7/8"-12 | 1 7/8"-12 | 6602-24 | 1500 |
| 2 1/2"-12 | 2 1/2"-12 | 2 1/2"-12 | 6602-32 | 1125 |

Rosca JIC 37° Pasamuros

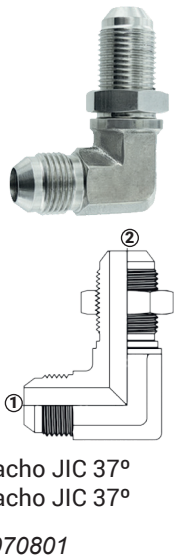
| Serie..... | Página | Configuración |
|-------------------|---------------|---|
| 2700LN | 52 | Serie 2700LN - Unión Macho JIC 37° x Macho JIC 37° Pasamuros con Tuercas |
| 2701LN | 52 | Serie 2701LN - Codo 90° Macho JIC 37° x Macho JIC 37° Pasamuros con Tuerca |
| 2702LN | 53 | Serie 2702LN - Codo 45° Macho JIC 37° x Macho JIC 37° Pasamuros con Tuerca |
| 2703LN | 53 | Serie 2703LN - Tee de Ramificación Macho JIC 37° x Macho JIC 37° x Macho JIC 37° Pasamuros con Tuerca |
| 2704LN | 54 | Serie 2704LN - Tee de Flujo Macho JIC 37° x Macho JIC 37° x Macho JIC 37° Pasamuros con Tuerca |
| 2705LN | 54 | Serie 2705LN - Macho JIC 37° Pasamuros x Hembra NPTF con Tuerca |
| 2706LN | 55 | Serie 2706LN - Macho JIC 37° Pasamuros x Macho NPTF con Tuercas |
| 2709LN | 55 | Serie 2709LN - Macho JIC 37° x Macho SAE O-Ring Pasamuros con Tuercas |

Serie 2700LN - Unión Macho JIC 37° x Macho JIC 37° Pasamuros con Tuercas



| Rosca Macho JIC | Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 2700LN-4 | 5000 |
| 1/2"-20 | 1/2"-20 | 2700LN-5 | 5000 |
| 9/16"-18 | 9/16"-18 | 2700LN-6 | 5000 |
| 3/4"-16 | 3/4"-16 | 2700LN-8 | 4500 |
| 7/8"-14 | 7/8"-14 | 2700LN-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 2700LN-12 | 3500 |
| 1 3/16"-12 | 1 3/16"-12 | 2700LN-14 | 3000 |
| 1 5/16"-12 | 1 5/16"-12 | 2700LN-16 | 3000 |
| 1 5/8"-12 | 1 5/8"-12 | 2700LN-20 | 2500 |
| 1 7/8"-12 | 1 7/8"-12 | 2700LN-24 | 2000 |
| 2 1/2"-12 | 2 1/2"-12 | 2700LN-32 | 1500 |

Serie 2701LN - Codo 90° Macho JIC 37° x Macho JIC 37° Pasamuros con Tuerca

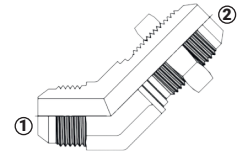


| Rosca Macho JIC | Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 2701LN-4 | 5000 |
| 1/2"-20 | 1/2"-20 | 2701LN-5 | 5000 |
| 9/16"-18 | 9/16"-18 | 2701LN-6 | 5000 |
| 3/4"-16 | 3/4"-16 | 2701LN-8 | 4500 |
| 7/8"-14 | 7/8"-14 | 2701LN-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 2701LN-12 | 3500 |
| 1 5/16"-12 | 1 5/16"-12 | 2701LN-16 | 3000 |
| 1 5/8"-12 | 1 5/8"-12 | 2701LN-20 | 2500 |
| 1 7/8"-12 | 1 7/8"-12 | 2701LN-24 | 2000 |
| 2 1/2"-12 | 2 1/2"-12 | 2701LN-32 | 1500 |

JIC 37°
Pasamuros
E

Serie 2702LN - Codo 45° Macho JIC 37° x Macho JIC 37° Pasamuros con Tuerca

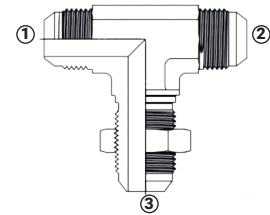
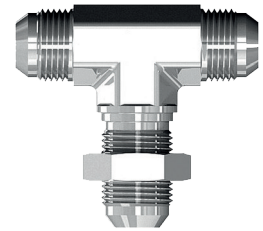
| Rosca Macho JIC | Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|---------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 2702LN-3 | 5000 |
| 1/2"-20 | 1/2"-20 | 2702LN-4 | 5000 |
| 9/16"-18 | 9/16"-18 | 2702LN-5 | 5000 |
| 3/4"-16 | 3/4"-16 | 2702LN-6 | 4500 |
| 7/8"-14 | 7/8"-14 | 2702LN-8 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 2702LN-10 | 3500 |
| 1 5/16"-12 | 1 5/16"-12 | 2702LN-12 | 3000 |
| 1 5/8"-12 | 1 5/8"-12 | 2702LN-16 | 2500 |
| 1 7/8"-12 | 1 7/8"-12 | 2702LN-20 | 2000 |
| 2 1/2"-12 | 2 1/2"-12 | 2702LN-24 | 1500 |



(1) Macho JIC 37°
 (2) Macho JIC 37°
 SAE 070801

Serie 2703LN - Tee de Ramificación Macho JIC 37° x Macho JIC 37° x Macho JIC 37° Pasamuros con Tuerca

| Rosca Macho JIC (3) | Acero al Carbón Zincado # de Parte | PSI |
|---------------------|---------------------------------------|------|
| 1/2"-20 | 2703LN-4 | 5000 |
| 9/16"-18 | 2703LN-5 | 5000 |
| 3/4"-16 | 2703LN-6 | 4500 |
| 7/8"-14 | 2703LN-8 | 3500 |
| 1 1/16"-12 | 2703LN-10 | 3500 |
| 1 5/16"-12 | 2703LN-12 | 3000 |
| 1 5/8"-12 | 2703LN-16 | 2500 |
| 1 7/8"-12 | 2703LN-20 | 2000 |

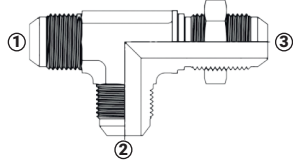


(1) Macho JIC 37°
 (2) Macho JIC 37°
 (3) Macho JIC 37°
 SAE 070959

JIC 37°
Pasamuros

E

Serie 2704LN - Tee de Flujo Macho JIC 37° x Macho JIC 37° x Macho JIC 37° Pasamuros con Tuerca



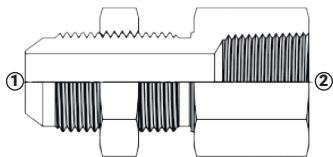
- (1) Macho JIC 37°
- (2) Macho JIC 37°
- (3) Macho JIC 37°

SAE 070958

| Rosca Macho JIC (3) | Acero al Carbón Zincado # de Parte | PSI |
|---------------------|---------------------------------------|------|
| 1/2"-20 | 2704LN-4 | 5000 |
| 3/4"-16 | 2704LN-6 | 4500 |
| 7/8"-14 | 2704LN-8 | 3500 |
| 1 1/16"-12 | 2704LN-10 | 3500 |
| 1 5/16"-12 | 2704LN-12 | 3000 |
| 1 5/8"-12 | 2704LN-16 | 2500 |
| 1 7/8"-12 | 2704LN-20 | 2000 |

JIC 37°
Pasamuros

Serie 2705LN - Macho JIC 37° Pasamuros x Hembra NPTF con Tuerca



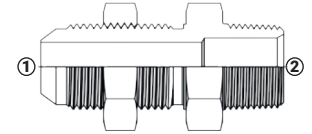
- (1) Macho JIC 37°
- (2) Hembra NPTF

SAE 070603

| Rosca Macho JIC | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-------------------|---------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 2705LN-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 2705LN-4-4 | 5000 |
| 9/16"-18 | 1/4"-18 | 2705LN-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 2705LN-6-6 | 4000 |
| 3/4"-16 | 3/8"-18 | 2705LN-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 2705LN-8-8 | 3000 |
| 7/8"-14 | 1/2"-14 | 2705LN-10-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 2705LN-12-12 | 2500 |
| 1 5/16"-12 | 1"-11 1/2 | 2705LN-16-16 | 2000 |
| 1 5/8"-12 | 1 1/4"-11 1/2 | 2705LN-20-20 | 1150 |
| 1 7/8"-12 | 1 1/2"-11 1/2 | 2705LN-24-24 | 1000 |
| 2 1/2"-12 | 2"-11 1/2 | 2705LN-32-32 | 1000 |

Serie 2706LN - Macho JIC 37° Pasamuros x Macho NPTF con Tuercas

| Rosca Macho JIC | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------------|---------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 2706LN-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 2706LN-4-4 | 5000 |
| 7/16"-20 | 3/8"-18 | 2706LN-4-6 | 4000 |
| 9/16"-18 | 1/4"-18 | 2706LN-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 2706LN-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | 2706LN-6-8 | 4000 |
| 3/4"-16 | 3/8"-18 | 2706LN-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 2706LN-8-8 | 3000 |
| 7/8"-14 | 1/2"-14 | 2706LN-10-8 | 3000 |
| 1 1/16"-12 | 1/2"-14 | 2706LN-12-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 2706LN-12-12 | 2500 |
| 1 5/16"-12 | 1"- 11 1/2 | 2706LN-16-16 | 2000 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 2706LN-20-20 | 1150 |
| 2 1/2"-12 | 2"-11 1/2 | 2706LN-32-32 | 1000 |



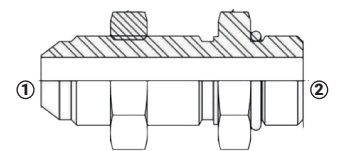
(1) Macho JIC 37°
(2) Macho NPTF

JIC 37°
Pasamuros

E

Serie 2709LN - Macho JIC 37° x Macho SAE O-Ring Pasamuros con Tuercas

| Rosca Macho JIC | Rosca SAE O-Ring | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------------|---------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 2709LN-4-4 | 5000 |
| 9/16"-18 | 9/16"-18 | 2709LN-6-6 | 4000 |
| 9/16"-18 | 3/4"-16 | 2709LN-6-8 | 3500 |
| 3/4"-16 | 3/4"-16 | 2709LN-8-8 | 4000 |
| 7/8"-14 | 7/8"-14 | 2709LN-10-10 | 3000 |
| 1 1/16"-12 | 1 1/16"-12 | 2709LN-12-12 | 3500 |
| 1 5/16"-12 | 1 5/16"-12 | 2709LN-16-16 | 2500 |



(1) Macho JIC 37°
(2) Macho SAE O-Ring

Rosca Cara Plana

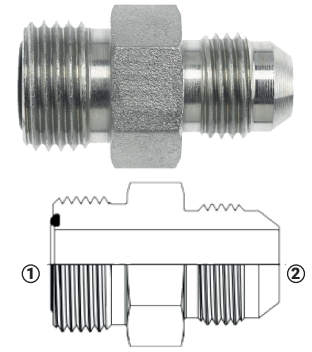
| Serie..... | Página | Configuración |
|-------------------|---------------|--|
| FS2401 | 57 | Serie FS2401 - Macho FS x Macho JIC 37° |
| FS2403 | 57 | Serie FS2403 - Unión Macho FS |
| FS2404 | 58 | Serie FS2404 - Macho FS x Macho NPTF |
| FS2406 | 59 | Serie FS2406 - Hembra FS x Macho FS |
| FS2408 | 59 | Serie FS2408 - Tapón Hexagonal FS |
| FS2500 | 60 | Serie FS2500 - Codo 90° Macho FS x Macho FS |
| FS2501 | 60 | Serie FS2501 - Codo 90° Macho FS x Macho NPTF |
| FS2503 | 61 | Serie FS2503 - Codo 45° Macho FS x Macho NPTF |
| FS2601 | 61 | Serie FS2601 - Tee de Ramificación Macho FS x Macho NPTF x Macho FS |
| FS2603 | 62 | Serie FS2603 - Tee Unión Macho FS |
| FS2650 | 62 | Serie FS2650 - Cruz Macho FS |
| FS2700 | 62 | Serie FS2700 - Macho FS x Macho FS |
| FS2701 | 63 | Serie FS2701 - Codo 90° Macho FS x Macho FS Pasamuros con Tuerca |
| FS2702 | 63 | Serie FS2702 - Codo 45° Macho FS x Macho FS Pasamuros con Tuerca |
| FS2703 | 64 | Serie FS2703 - Tee de Ramificación Macho FS x Macho FS Pasamuros x Macho FS |
| FS2704 | 64 | Serie FS2704 - Tee de Flujo Macho FS x Macho FS Pasa Muros x Macho FS |
| FS304C | 65 | Serie FS304C - Tapón FS |
| FS306 | 65 | Serie FS306 - Tuerca para Conexión Pasa Muros FS |
| FS6402 | 67 | Serie FS6402 - Macho FS x Macho SAE O-Ring |
| FS6400 | 66 | Serie FS6402 - Hembra FS Giratoria x Macho SAE O-Ring |
| FS6500 | 67 | Serie FS6500 - Codo 90° Macho FS x Hembra FS Giratoria |
| FS6502 | 68 | Serie FS6502 - Codo 45° Macho FS x Hembra FS Giratoria |
| FS6504 | 68 | Serie FS6504 - Macho FS x Hembra JIC 37° Giratoria |
| FS6508 | 68 | Serie FS6508 - Macho JIC 37° x Hembra FS Giratoria |
| FS6600 | 69 | Serie FS6600 - Tee de Ramificación Macho FS x Hembra FS Giratoria x Macho FS |
| FS6602 | 69 | Serie FS6602 - Tee de Flujo Macho FS x Hembra FS Giratoria x Macho FS |
| FS6801 | 70 | Serie FS6801 - Codo 90° Macho FS x Macho SAE O-Ring |
| FS6802 | 70 | Serie FS6802 - Codo 45° Macho FS x Macho SAE O-Ring |
| FS6803 | 71 | Serie FS6803 - Tee de Ramificación Macho FS x Macho SAE O-Ring x Macho FS |
| FS6804 | 71 | Serie FS6804 - Tee de Flujo Macho FS x Macho SAE O-Ring x Macho FS |
| FS6809 | 71 | Serie FS6809 - Codo 90° Macho SAE O-Ring x Hembra FS Giratoria |

Valores de Torque/Apriete

| FS | Pies/Libras |
|-----|-------------|
| -4 | 18 |
| -6 | 18-20 |
| -8 | 40 |
| -10 | 44 |
| -12 | 66 |
| -16 | 92 |
| -20 | 125 |
| -24 | 147 |

Serie FS2401 - Macho FS x Macho JIC 37°

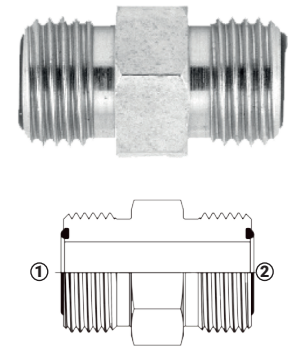
| Rosca Macho Cara Plana | Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|------------------------|-----------------|------------------------------------|------|
| 9/16"-18 | 7/16"-20 | FS2401-4-4 | 5000 |
| 11/16"-16 | 9/16"-18 | FS2401-6-6 | 5000 |
| 1 3/16"-16 | 3/4"-16 | FS2401-8-8 | 4500 |
| 1"-14 | 7/8"-14 | FS2401-10-10 | 3500 |
| 1 3/16"-12 | 1 1/16"-12 | FS2401-12-12 | 3500 |
| 1 7/16"-12 | 1 5/16"-12 | FS2401-16-16 | 3000 |
| 1 11/16"-12 | 1 5/8"-12 | FS2401-20-20 | 2500 |
| 2"-12 | 1 7/8"-12 | FS2401-24-24 | 2000 |



(1) Macho Face Seal
(2) Macho JIC

Serie FS2403 - Unión Macho FS

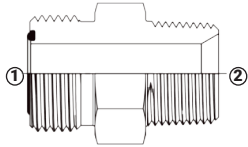
| Rosca Macho Cara Plana | Rosca Macho Cara Plana | Acero al Carbón Zincado # de Parte | PSI |
|------------------------|------------------------|------------------------------------|------|
| 9/16"-18 | 9/16"-18 | FS2403-4 | 6000 |
| 11/16"-16 | 9/16"-18 | FS2403-6-4 | 6000 |
| 11/16"-16 | 11/16"-16 | FS2403-6 | 6000 |
| 1 3/16"-16 | 11/16"-16 | FS2403-8-6 | 6000 |
| 1 3/16"-16 | 1 3/16"-16 | FS2403-8 | 6000 |
| 1"-14 | 1 3/16"-16 | FS2403-10-8 | 6000 |
| 1"-14 | 1"-14 | FS2403-10 | 6000 |
| 1 3/16"-12 | 1 3/16"-16 | FS2403-12-8 | 6000 |
| 1 3/16"-12 | 1"-14 | FS2403-12-10 | 6000 |
| 1 3/16"-12 | 1 3/16"-12 | FS2403-12 | 6000 |
| 1 7/16"-12 | 1 3/16"-12 | FS2403-16-12 | 6000 |
| 1 7/16"-12 | 1 5/16"-12 | FS2403-16-14 | 6000 |
| 1 7/16"-12 | 1 7/16"-12 | FS2403-16 | 6000 |
| 1 11/16"-12 | 1 7/16"-12 | FS2403-20-16 | 6000 |
| 1 11/16"-12 | 1 11/16"-12 | FS2403-20 | 6000 |
| 2"-12 | 2"-12 | FS2403-24 | 4000 |



(1) Macho Face Seal
(2) Macho Face Seal

Cara Plana

Serie FS2404 - Macho FS x Macho NPTF



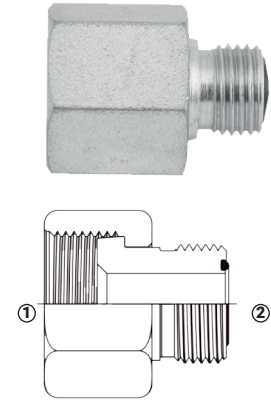
(1) Macho Face Seal
(2) Macho NPTF

| Rosca Macho Cara Plana | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|---------------------------|------------------|---------------------------------------|------|
| 9/16"-18 | 1/8"-27 | FS2404-4-2 | 5000 |
| 9/16"-18 | 1/4"-18 | FS2404-4-4 | 5000 |
| 9/16"-18 | 3/8"-18 | FS2404-4-6 | 4000 |
| 9/16"-18 | 1/2"-14 | FS2404-4-8 | 3000 |
| 11/16"-16 | 1/8"-27 | FS2404-6-2 | 5000 |
| 11/16"-16 | 1/4"-18 | FS2404-6-4 | 5000 |
| 11/16"-16 | 3/8"-18 | FS2404-6-6 | 4000 |
| 11/16"-16 | 1/2"-14 | FS2404-6-8 | 3000 |
| 1 3/16"-16 | 1/4"-18 | FS2404-8-4 | 5000 |
| 1 3/16"-16 | 3/8"-18 | FS2404-8-6 | 4000 |
| 1 3/16"-16 | 1/2"-14 | FS2404-8-8 | 3000 |
| 1 3/16"-16 | 3/4"-14 | FS2404-8-12 | 2500 |
| 1"-14 | 1/2"-14 | FS2404-10-8 | 3000 |
| 1"-14 | 3/4"-14 | FS2404-10-12 | 2500 |
| 1 3/16"-12 | 1/2"-14 | FS2404-12-8 | 3000 |
| 1 3/16"-12 | 3/4"-14 | FS2404-12-12 | 2500 |
| 1 3/16"-12 | 1"- 11 1/2 | FS2404-12-16 | 2000 |
| 1 7/16"-12 | 3/4"-14 | FS2404-16-12 | 2500 |
| 1 7/16"-12 | 1"- 11 1/2 | FS2404-16-16 | 2000 |
| 1 11/16"-12 | 1"- 11 1/2 | FS2404-20-16 | 2000 |
| 1 11/16"-12 | 1 1/4" - 11 1/2 | FS2404-20-20 | 1150 |
| 2"-12 | 1 1/2" -11 1/2 | FS2404-24-24 | 1000 |

Cara Plana

Serie FS2406 - Hembra FS x Macho FS

| Rosca Hembra Cara Plana | Rosca Macho Cara Plana | Acero al Carbón Zincado # de Parte | PSI |
|----------------------------|---------------------------|---------------------------------------|------|
| 9/16"-18 | 11/16"-16 | FS2406-4-6 | 6000 |
| 11/16"-16 | 9/16"-18 | FS2406-6-4 | 6000 |
| 1 3/16"-16 | 9/16"-18 | FS2406-8-4 | 6000 |
| 1 3/16"-16 | 11/16"-16 | FS2406-8-6 | 6000 |
| 1"-14 | 9/16"-18 | FS2406-10-4 | 6000 |
| 1"-14 | 11/16"-16 | FS2406-10-6 | 6000 |
| 1"-14 | 1 3/16"-16 | FS2406-10-8 | 6000 |
| 1 3/16"-12 | 9/16"-18 | FS2406-12-4 | 6000 |
| 1 3/16"-12 | 11/16"-16 | FS2406-12-6 | 6000 |
| 1 3/16"-12 | 1 3/16"-16 | FS2406-12-8 | 6000 |
| 1 3/16"-12 | 1"-14 | FS2406-12-10 | 6000 |
| 1 7/16"-12 | 1 3/16"-16 | FS2406-16-8 | 6000 |
| 1 7/16"-12 | 1"-14 | FS2406-16-10 | 6000 |
| 1 7/16"-12 | 1 3/16"-12 | FS2406-16-12 | 6000 |
| 1 7/16"-12 | 1 7/16"-12 | FS2406-16-16 | 6000 |
| 1 11/16"-12 | 1 3/16"-16 | FS2406-20-8 | 6000 |
| 1 11/16"-12 | 1 3/16"-12 | FS2406-20-12 | 6000 |
| 1 11/16"-12 | 1 7/16"-12 | FS2406-20-16 | 6000 |
| 2"-12 | 1 7/16"-12 | FS2406-24-16 | 4000 |
| 2"-12 | 1 11/16"-12 | FS2406-24-20 | 4000 |

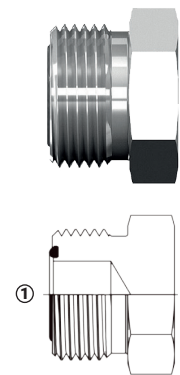


(1) Hembra Face Seal
(2) Macho Face Seal

Cara Plana

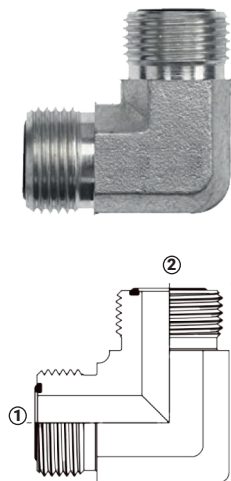
Serie FS2408 - Tapón Hexagonal FS

| Rosca Macho Cara Plana | Acero al Carbón Zincado # de Parte | PSI |
|---------------------------|---------------------------------------|------|
| 9/16"-18 | FS2408-4 | 6000 |
| 11/16"-16 | FS2408-6 | 6000 |
| 1 3/16"-16 | FS2408-8 | 6000 |
| 1"-14 | FS2408-10 | 6000 |
| 1 3/16"-12 | FS2408-12 | 6000 |
| 1 7/16"-12 | FS2408-16 | 6000 |
| 1 11/16"-12 | FS2408-20 | 6000 |
| 2"-12 | FS2408-24 | 4000 |



(1) Macho Face Seal

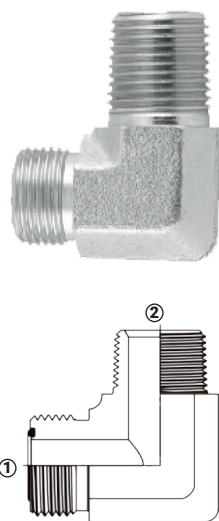
Serie FS2500 - Codo 90° Macho FS x Macho FS



| Rosca Macho Cara Plana | Rosca Macho Cara Plana | Acero al Carbón Zincado # de Parte | PSI |
|------------------------|------------------------|------------------------------------|------|
| 9/16"-18 | 9/16"-18 | FS2500-4-4 | 6000 |
| 11/16"-16 | 11/16"-16 | FS2500-6-6 | 6000 |
| 1 3/16"-16 | 1 3/16"-16 | FS2500-8-8 | 6000 |
| 1"-14 | 1"-14 | FS2500-10-10 | 6000 |
| 1 3/16"-12 | 1 3/16"-12 | FS2500-12-12 | 6000 |
| 1 7/16"-12 | 1 7/16"-12 | FS2500-16-16 | 6000 |
| 1 11/16"-12 | 1 11/16"-12 | FS2500-20-20 | 6000 |
| 2"-12 | 2"-12 | FS2500-24-24 | 4000 |

- (1) Macho Face Seal
- (2) Macho Face Seal

Serie FS2501 - Codo 90° Macho FS x Macho NPTF



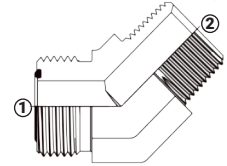
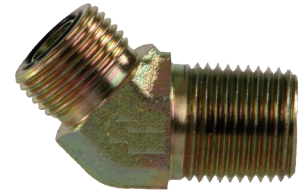
| Rosca Macho Cara Plana | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|------------------------|------------------|------------------------------------|------|
| 9/16"-18 | 1/8"-27 | FS2501-4-2 | 5000 |
| 9/16"-18 | 1/4"-18 | FS2501-4-4 | 5000 |
| 11/16"-16 | 1/4"-18 | FS2501-6-4 | 5000 |
| 11/16"-16 | 3/8"-18 | FS2501-6-6 | 4000 |
| 11/16"-16 | 1/2"-14 | FS2501-6-8 | 3000 |
| 1 3/16"-16 | 3/8"-18 | FS2501-8-6 | 4000 |
| 1 3/16"-16 | 1/2"-14 | FS2501-8-8 | 3000 |
| 1 3/16"-16 | 3/4"-14 | FS2501-8-12 | 2500 |
| 1"-14 | 1/2"-14 | FS2501-10-8 | 3000 |
| 1"-14 | 3/4"-14 | FS2501-10-12 | 2500 |
| 1 3/16"-12 | 1/2"-14 | FS2501-12-8 | 3000 |
| 1 3/16"-12 | 3/4"-14 | FS2501-12-12 | 2500 |
| 1 3/16"-12 | 1"- 11 1/2 | FS2501-12-16 | 2000 |
| 1 7/16"-12 | 3/4"-14 | FS2501-16-12 | 2000 |
| 1 7/16"-12 | 1"- 11 1/2 | FS2501-16-16 | 2000 |
| 1 11/16"-12 | 1 1/4" - 11 1/2 | FS2501-20-20 | 1150 |
| 2"-12 | 1 1/2" -11 1/2 | FS2501-24-24 | 1000 |

- (1) Macho Face Seal
- (2) Macho NPTF

Cara Plana

Serie FS2503 - Codo 45° Macho FS x Macho NPTF

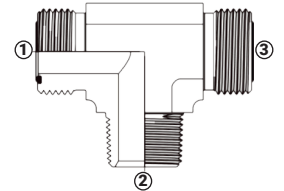
| Rosca Macho Cara Plana | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|------------------------|------------------|------------------------------------|------|
| 9/16"-18 | 1/4"-18 | FS2503-4-4 | 5000 |
| 9/16"-18 | 3/8"-18 | FS2503-4-6 | 4000 |
| 11/16"-16 | 1/4"-18 | FS2503-6-4 | 5000 |
| 11/16"-16 | 3/8"-18 | FS2503-6-6 | 4000 |
| 1 3/16"-16 | 3/8"-18 | FS2503-8-6 | 4000 |
| 1 3/16"-16 | 1/2"-14 | FS2503-8-8 | 3000 |
| 1"-14 | 1/2"-14 | FS2503-10-8 | 3000 |
| 1 3/16"-12 | 3/4"-14 | FS2503-12-12 | 2500 |
| 1 7/16"-12 | 1"- 11 1/2 | FS2503-16-16 | 2000 |
| 1 11/16"-12 | 1 1/4" - 11 1/2 | FS2503-20-20 | 1150 |



(1) Macho Face Seal
(2) Macho NPTF

Serie FS2601 - Tee de Ramificación Macho FS x Macho NPTF x Macho FS

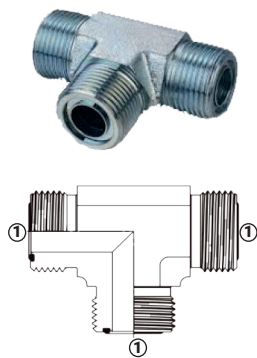
| Rosca Macho Cara Plana (2) | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|----------------------------|------------------|------------------------------------|------|
| 9/16"-18 | 1/4"-18 | FS2601-4-4 | 5000 |
| 11/16"-16 | 1/4"-18 | FS2601-6-4 | 5000 |
| 11/16"-16 | 3/8"-18 | FS2601-6-6 | 4000 |
| 1 3/16"-16 | 3/8"-18 | FS2601-8-6 | 4000 |
| 1 3/16"-16 | 1/2"-14 | FS2601-8-8 | 3000 |
| 1"-14 | 1/2"-14 | FS2601-10-8 | 3000 |
| 1 3/16"-12 | 3/4"-14 | FS2601-12-12 | 2500 |
| 1 7/16"-12 | 1"- 11 1/2 | FS2601-16-16 | 2000 |
| 1 11/16"-12 | 1 1/4" - 11 1/2 | FS2601-20-20 | 1150 |



(1) Macho Face Seal
(2) Macho NPTF
(3) Macho Face Seal

Cara Plana

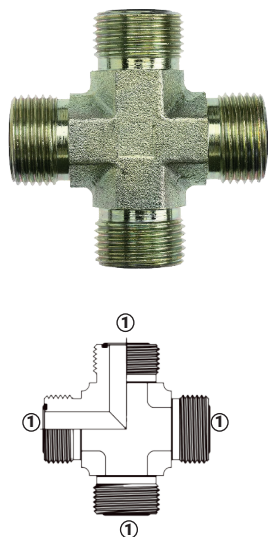
Serie FS2603 - Tee Unión Macho FS



(1) Macho Face Seal

| Rosca Macho Cara Plana (3) | Acero al Carbón Zincado # de Parte | PSI |
|-------------------------------|---------------------------------------|------|
| 9/16"-18 | FS2603-4 | 6000 |
| 11/16"-16 | FS2603-6 | 6000 |
| 1 3/16"-16 | FS2603-8 | 6000 |
| 1"-14 | FS2603-10 | 6000 |
| 1 3/16"-12 | FS2603-12 | 6000 |
| 1 7/16"-12 | FS2603-16 | 6000 |
| 1 11/16"-12 | FS2603-20 | 6000 |
| 2"-12 | FS2603-24 | 4000 |

Serie FS2650 - Cruz Macho FS

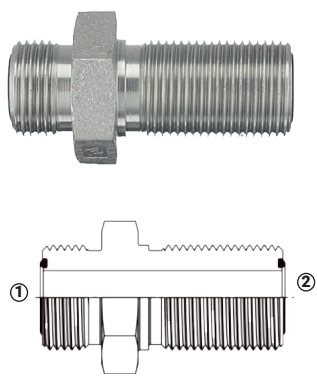


(1) Macho Face Seal

| Rosca Macho Cara Plana (4) | Acero al Carbón Zincado # de Parte | PSI |
|-------------------------------|---------------------------------------|------|
| 9/16"-18 | FS2650-04 | 6000 |
| 11/16"-16 | FS2650-06 | 6000 |
| 1 3/16"-16 | FS2650-08 | 6000 |

Cara Plana

Serie FS2700 - Macho FS x Macho FS

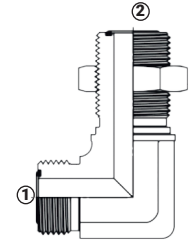
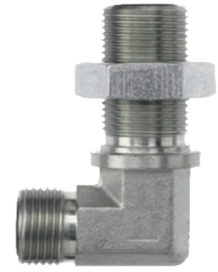


(1) Macho Face Seal
(2) Macho Face Seal

| Rosca Macho Cara Plana | Rosca Macho Cara Plana | Acero al Carbón Zincado # de Parte | PSI |
|---------------------------|---------------------------|---------------------------------------|------|
| 9/16"-18 | 9/16"-18 | FS2700LN-4 | 6000 |
| 11/16"-16 | 11/16"-16 | FS2700LN-6 | 6000 |
| 1 3/16"-16 | 1 3/16"-16 | FS2700LN-8 | 6000 |
| 1"-14 | 1"-14 | FS2700LN-10 | 6000 |
| 1 3/16"-12 | 1 3/16"-12 | FS2700LN-12 | 6000 |
| 1 7/16"-12 | 1 7/16"-12 | FS2700LN-16 | 6000 |
| 1 11/16"-12 | 1 11/16"-12 | FS2700LN-20 | 6000 |
| 2"-12 | 2"-12 | FS2700LN-24 | 4000 |

Serie FS2701 - Codo 90° Macho FS x Macho FS Pasamuros con Tuerca

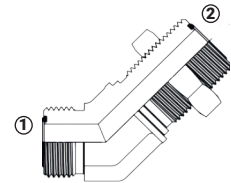
| Rosca Macho Cara Plana | Rosca Macho Cara Plana | Acero al Carbón Zincado # de Parte | PSI |
|---------------------------|---------------------------|---------------------------------------|------|
| 9/16"-18 | 9/16"-18 | FS2701LN-4 | 6000 |
| 11/16"-16 | 11/16"-16 | FS2701LN-6 | 6000 |
| 1 3/16"-16 | 1 3/16"-16 | FS2701LN-8 | 6000 |
| 1"-14 | 1"-14 | FS2701LN-10 | 6000 |
| 1 3/16"-12 | 1 3/16"-12 | FS2701LN-12 | 6000 |
| 1 7/16"-12 | 1 7/16"-12 | FS2701LN-16 | 6000 |
| 1 11/16"-12 | 1 11/16"-12 | FS2701LN-20 | 6000 |
| 2"-12 | 2"-12 | FS2701LN-24 | 4000 |



(1) Macho Face Seal
(2) Macho Face Seal

Serie FS2702 - Codo 45° Macho FS x Macho FS Pasamuros con Tuerca

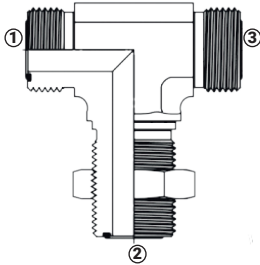
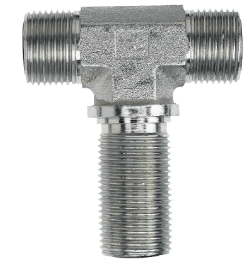
| Rosca Macho Cara Plana | Rosca Macho Cara Plana | Acero al Carbón Zincado # de Parte | PSI |
|---------------------------|---------------------------|---------------------------------------|------|
| 9/16"-18 | 9/16"-18 | FS2702LN-4 | 6000 |
| 11/16"-16 | 11/16"-16 | FS2702LN-6 | 6000 |
| 1 3/16"-16 | 1 3/16"-16 | FS2702LN-8 | 6000 |
| 1"-14 | 1"-14 | FS2702LN-10 | 6000 |
| 1 3/16"-12 | 1 3/16"-12 | FS2702LN-12 | 6000 |
| 1 7/16"-12 | 1 7/16"-12 | FS2702LN-16 | 6000 |
| 1 11/16"-12 | 1 11/16"-12 | FS2702LN-20 | 6000 |
| 2"-12 | 2"-12 | FS2702LN-24 | 4000 |



(1) Macho Face Seal
(2) Macho Face Seal

Cara Plana

Serie FS2703 - Tee de Ramificación Macho FS x Macho FS Pasamuros x Macho FS

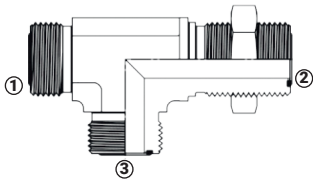
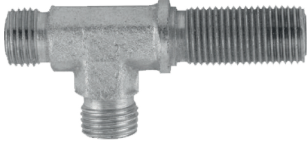


- (1) Macho Face Seal
- (2) Macho Face Seal
- (3) Macho Face Seal

| Rosca Macho Cara Plana (3) | Acero al Carbón Zincado # de Parte | PSI |
|-------------------------------|---------------------------------------|------|
| 9/16"-18 | FS2703LN-4 | 6000 |
| 11/16"-16 | FS2703LN-6 | 6000 |
| 1 3/16"-16 | FS2703LN-8 | 6000 |
| 1"-14 | FS2703LN-10 | 6000 |
| 1 3/16"-12 | FS2703LN-12 | 6000 |
| 1 7/16"-12 | FS2703LN-16 | 6000 |
| 1 11/16"-12 | FS2703LN-20 | 6000 |

Serie FS2704 - Tee de Flujo Macho FS x Macho FS Pasa Muros x Macho FS

Cara Plana

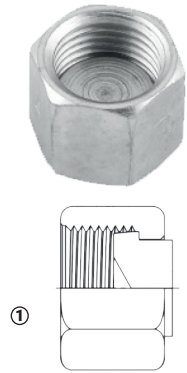


- (1) Macho Face Seal
- (2) Macho Face Seal
- (3) Macho Face Seal

| Rosca Macho Cara Plana (3) | Acero al Carbón Zincado # de Parte | PSI |
|-------------------------------|---------------------------------------|------|
| 9/16"-18 | FS2704LN-4 | 6000 |
| 11/16"-16 | FS2704LN-6 | 6000 |
| 1 3/16"-16 | FS2704LN-8 | 6000 |
| 1"-14 | FS2704LN-10 | 6000 |
| 1 3/16"-12 | FS2704LN-12 | 6000 |
| 1 7/16"-12 | FS2704LN-16 | 6000 |

Serie FS304C - Tapón FS

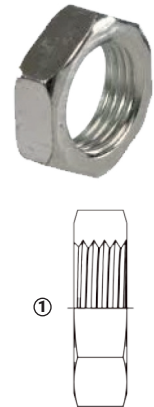
| Rosca Hembra Cara Plana | Acero al Carbón Zincado # de Parte | PSI |
|----------------------------|---------------------------------------|------|
| 9/16"-18 | FS304C-4 | 6000 |
| 1 1/16"-16 | FS304C-6 | 6000 |
| 1 3/16"-16 | FS304C-8 | 6000 |
| 1"-14 | FS304C-10 | 6000 |
| 1 3/16"-12 | FS304C-12 | 6000 |
| 1 7/16"-12 | FS304C-16 | 6000 |
| 1 11/16"-12 | FS304C-20 | 6000 |
| 2"-12 | FS304C-24 | 4000 |



(1) Hembra Face Seal

Serie FS306 - Tuerca para Conexión Pasa Muros FS

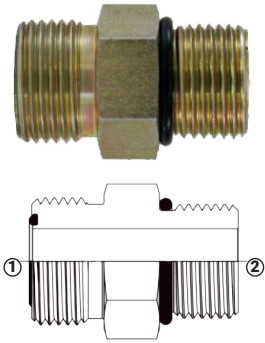
| Tuerca | Acero al Carbón Zincado # de Parte | PSI |
|-------------|---------------------------------------|------|
| 9/16"-18 | FS306-4 | 6000 |
| 1 1/16"-16 | FS306-6 | 6000 |
| 1 3/16"-16 | FS306-8 | 6000 |
| 1"-14 | FS306-10 | 6000 |
| 1 3/16"-12 | FS306-12 | 6000 |
| 1 7/16"-12 | FS306-16 | 6000 |
| 1 11/16"-12 | FS306-20 | 6000 |



(1) Tuerca

Cara Plana

Serie FS6400 - Macho FS x Macho SAE O-Ring



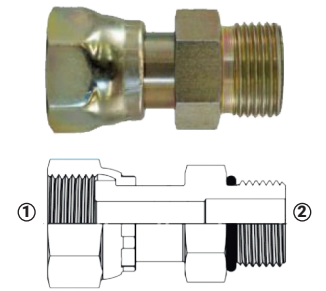
(1) Macho Face Seal
(2) Macho SAE O-Ring

| Rosca Macho Cara Plana | Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|---------------------------|-----------------|---------------------------------------|------|
| 9/16"-18 | 7/16"-20 | FS6400-4-4 | 5000 |
| 9/16"-18 | 9/16"-18 | FS6400-4-6 | 5000 |
| 9/16"-18 | 3/4"-16 | FS6400-4-8 | 4500 |
| 11/16"-16 | 7/16"-20 | FS6400-6-4 | 5000 |
| 11/16"-16 | 9/16"-18 | FS6400-6-6 | 5000 |
| 11/16"-16 | 3/4"-16 | FS6400-6-8 | 4500 |
| 11/16"-16 | 7/8"-14 | FS6400-6-10 | 3500 |
| 11/16"-16 | 1 1/16"-12 | FS6400-6-12 | 3500 |
| 1 3/16"-16 | 7/16"-20 | FS6400-8-4 | 5000 |
| 1 3/16"-16 | 9/16"-18 | FS6400-8-6 | 5000 |
| 1 3/16"-16 | 3/4"-16 | FS6400-8-8 | 4500 |
| 1 3/16"-16 | 7/8"-14 | FS6400-8-10 | 3500 |
| 1 3/16"-16 | 1 1/16"-12 | FS6400-8-12 | 3500 |
| 1 3/16"-16 | 1 5/16"-12 | FS6400-8-16 | 3000 |
| 1"-14 | 3/4"-16 | FS6400-10-8 | 4500 |
| 1"-14 | 7/8"-14 | FS6400-10-10 | 3500 |
| 1"-14 | 1 1/16"-12 | FS6400-10-12 | 3500 |
| 1 3/16"-12 | 3/4"-16 | FS6400-12-8 | 4500 |
| 1 3/16"-12 | 7/8"-14 | FS6400-12-12 | 3500 |
| 1 3/16"-12 | 1 1/16"-12 | FS6400-12-10 | 3500 |
| 1 3/16"-12 | 1 5/16"-12 | FS6400-12-16 | 3000 |
| 1 7/16"-12 | 1 1/16"-12 | FS6400-16-12 | 3500 |
| 1 7/16"-12 | 1 5/16"-12 | FS6400-16-16 | 3000 |
| 1 7/16"-12 | 1 5/8"-12 | FS6400-16-20 | 2500 |
| 1 7/16"-12 | 1 7/8"-12 | FS6400-16-24 | 2000 |
| 1 11/16"-12 | 1 5/16"-12 | FS6400-20-16 | 3000 |
| 1 11/16"-12 | 1 5/8"-12 | FS6400-20-20 | 2500 |
| 1 11/16"-12 | 1 7/8"-12 | FS6400-20-24 | 2000 |
| 2"-12 | 1 5/8"-12 | FS6400-24-20 | 2500 |
| 2"-12 | 1 7/8"-12 | FS6400-24-24 | 2000 |

Cara Plana

Serie FS6402 - Hembra FS Giratoria x Macho SAE O-Ring

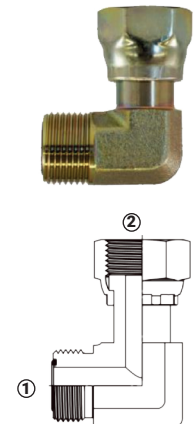
| Rosca Hembra Cara Plana Giratoria | Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|-----------------------------------|-----------------|------------------------------------|------|
| 9/16"-18 | 7/16"-20 | FS6402-4-4 | 5000 |
| 11/16"-16 | 9/16"-18 | FS6402-6-6 | 4000 |
| 1 3/16"-16 | 3/4"-16 | FS6402-8-8 | 3500 |
| 1 3/16"-16 | 1 1/16"-12 | FS6402-8-12 | 3500 |
| 1"-14 | 3/4"-16 | FS6402-10-8 | 4500 |
| 1"-14 | 7/8"-14 | FS6402-10-10 | 3500 |
| 1"-14 | 1 1/16"-12 | FS6402-10-12 | 3500 |
| 1 3/16"-12 | 7/8"-14 | FS6402-12-10 | 3500 |
| 1 3/16"-12 | 1 1/16"-12 | FS6402-12-12 | 3500 |
| 1 7/16"-12 | 1 5/16"-12 | FS6402-16-16 | 3000 |
| 1 11/16"-12 | 1 5/8"-12 | FS6402-20-20 | 2500 |
| 1 11/16"-12 | 1 7/8"-12 | FS6402-20-24 | 2000 |
| 2"-12 | 1 5/8"-12 | FS6402-24-20 | 2500 |
| 2"-12 | 1 7/8"-12 | FS6402-24-24 | 2000 |



(1) Hembra Face Seal Giratoria
(2) Macho SAE O-Ring

Serie FS6500 - Codo 90° Macho FS x Hembra FS Giratoria

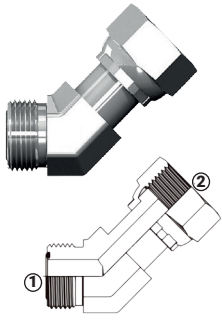
| Rosca Macho Cara Plana | Rosca Hembra Cara Plana Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|------------------------|-----------------------------------|------------------------------------|------|
| 9/16"-18 | 9/16"-18 | FS6500-4-4 | 6000 |
| 11/16"-16 | 11/16"-16 | FS6500-6-6 | 6000 |
| 1 3/16"-16 | 1 3/16"-16 | FS6500-8-8 | 6000 |
| 1"-14 | 1"-14 | FS6500-10-10 | 6000 |
| 1 3/16"-12 | 1 3/16"-12 | FS6500-12-12 | 6000 |
| 1 7/16"-12 | 1 7/16"-12 | FS6500-16-16 | 6000 |
| 1 11/16"-12 | 1 11/16"-12 | FS6500-20-20 | 6000 |
| 2"-12 | 2"-12 | FS6500-24-24 | 4000 |



(1) Macho Face Seal
(2) Hembra Face Seal Giratoria

Cara Plana

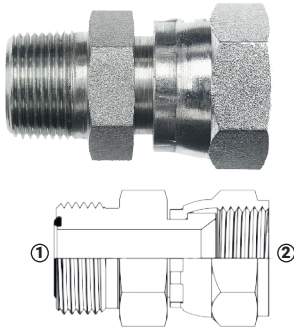
Serie FS6502 - Codo 45° Macho FS x Hembra FS Giratoria



(1) Macho Face Seal
(2) Hembra Face Seal Giratoria

| Rosca Macho Cara Plana | Rosca Hembra Cara Plana Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|------------------------|-----------------------------------|------------------------------------|------|
| 9/16"-18 | 9/16"-18 | FS6502-4-4 | 6000 |
| 11/16"-16 | 11/16"-16 | FS6502-6-6 | 6000 |
| 1 3/16"-16 | 1 3/16"-16 | FS6502-8-8 | 6000 |
| 1"-14 | 1"-14 | FS6502-10-10 | 6000 |
| 1 3/16"-12 | 1 3/16"-12 | FS6502-12-12 | 6000 |
| 1 7/16"-12 | 1 7/16"-12 | FS6502-16-16 | 6000 |
| 1 11/16"-12 | 1 11/16"-12 | FS6502-20-20 | 6000 |

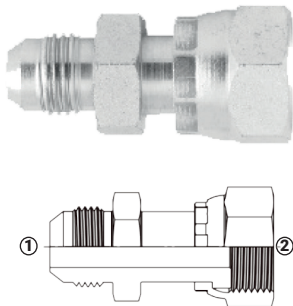
Serie FS6504 - Macho FS x Hembra JIC 37° Giratoria



(1) Macho Face Seal
(2) Hembra JIC Giratoria

| Rosca Macho Cara Plana | Rosca Hembra JIC Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|------------------------|----------------------------|------------------------------------|------|
| 9/16"-18 | 9/16"-18 | FS6504-4-4 | 6000 |
| 11/16"-16 | 11/16"-16 | FS6504-6-6 | 6000 |
| 1 3/16"-16 | 1 3/16"-16 | FS6504-8-8 | 6000 |
| 1"-14 | 1"-14 | FS6504-10-10 | 6000 |
| 1 3/16"-12 | 1 3/16"-12 | FS6504-12-12 | 6000 |
| 1 7/16"-12 | 1 7/16"-12 | FS6504-16-16 | 6000 |

Serie FS6508 - Macho JIC 37° x Hembra FS Giratoria



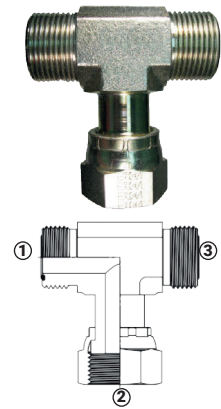
(1) Macho JIC
(2) Hembra FS Giratoria

| Rosca Macho JIC | Rosca Hembra Cara Plana Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------------------------|------------------------------------|------|
| 7/16"-20 | 9/16"-18 | FS6508-4-4 | 5000 |
| 9/16"-18 | 11/16"-16 | FS6508-6-6 | 5000 |
| 3/4"-16 | 1 3/16"-16 | FS6508-8-8 | 4500 |
| 7/8"-14 | 1"-14 | FS6508-10-10 | 3500 |
| 1 1/16"-12 | 1 3/16"-12 | FS6508-12-12 | 3500 |
| 1 5/16"-12 | 1 7/16"-12 | FS6508-16-16 | 3000 |
| 1 5/8"-12 | 1 11/16"-12 | FS6508-20-20 | 2500 |

Cara Plana

Serie FS6600 - Tee de Ramificación Macho FS x Hembra FS Giratoria x Macho FS

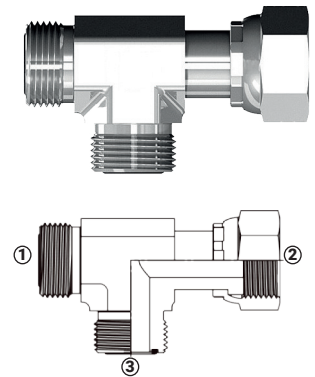
| Rosca Macho Cara Plana | Rosca Hembra Cara Plana Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|---------------------------|--------------------------------------|---------------------------------------|------|
| 9/16"-18 | 9/16"-18 | FS6600-4-4 | 6000 |
| 1 1/16"-16 | 1 1/16"-16 | FS6600-6-6 | 6000 |
| 1 3/16"-16 | 1 3/16"-16 | FS6600-8-8 | 6000 |
| 1"-14 | 1"-14 | FS6600-10-10 | 6000 |
| 1 3/16"-12 | 1 3/16"-12 | FS6600-12-12 | 6000 |
| 1 7/16"-12 | 1 7/16"-12 | FS6600-16-16 | 6000 |
| 1 11/16"-12 | 1 11/16"-12 | FS6600-20-20 | 6000 |
| 2"-12 | 2"-12 | FS6600-24-24 | 4000 |



- (1) Macho Face Seal
- (2) Hembra Face Seal Giratoria
- (3) Macho Face Seal

Serie FS6602 - Tee de Flujo Macho FS x Hembra FS Giratoria x Macho FS

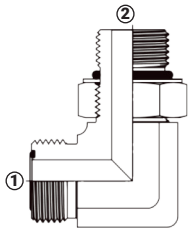
| Rosca Macho Cara Plana (2) | Rosca Hembra Cara Plana Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|-------------------------------|--------------------------------------|---------------------------------------|------|
| 9/16"-18 | 9/16"-18 | FS6602-4 | 6000 |
| 1 1/16"-16 | 1 1/16"-16 | FS6602-6 | 6000 |
| 1 3/16"-16 | 1 3/16"-16 | FS6602-8 | 6000 |
| 1"-14 | 1"-14 | FS6602-10 | 6000 |
| 1 3/16"-12 | 1 3/16"-12 | FS6602-12 | 6000 |
| 1 7/16"-12 | 1 7/16"-12 | FS6602-16 | 6000 |
| 1 11/16"-12 | 1 11/16"-12 | FS6602-20 | 6000 |
| 2"-12 | 2"-12 | FS6602-24 | 4000 |



- (1) Macho Face Seal
- (2) Hembra Face Seal Giratoria
- (3) Macho Face Seal

Cara Plana

Serie FS6801 - Codo 90° Macho FS x Macho SAE O-Ring

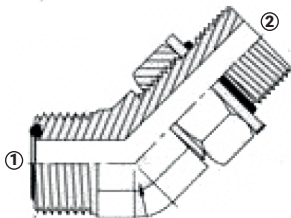


(1) Macho Face Seal
(2) Macho SAE O-Ring

Cara Plana

| Rosca Macho Cara Plana | Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|------------------------|-----------------|------------------------------------|------|
| 9/16"-18 | 7/16"-20 | FS6801-4-4 | 5000 |
| 9/16"-18 | 9/16"-18 | FS6801-4-6 | 5000 |
| 9/16"-18 | 3/4"-16 | FS6801-4-8 | 4500 |
| 11/16"-16 | 9/16"-18 | FS6801-6-6 | 5000 |
| 11/16"-16 | 7/16"-20 | FS6801-6-4 | 5000 |
| 11/16"-16 | 3/4"-16 | FS6801-6-8 | 4500 |
| 11/16"-16 | 7/8"-14 | FS6801-6-10 | 3500 |
| 11/16"-16 | 1 1/16"-12 | FS6801-6-12 | 3500 |
| 1 3/16"-16 | 9/16"-18 | FS6801-8-6 | 4500 |
| 1 3/16"-16 | 3/4"-16 | FS6801-8-8 | 4500 |
| 1 3/16"-16 | 7/8"-14 | FS6801-8-10 | 3500 |
| 1 3/16"-16 | 1 1/16"-12 | FS6801-8-12 | 3500 |
| 1"-14 | 7/8"-14 | FS6801-10-10 | 3500 |
| 1"-14 | 3/4"-16 | FS6801-10-8 | 4500 |
| 1"-14 | 1 1/16"-12 | FS6801-10-12 | 3500 |
| 1 3/16"-12 | 1 1/16"-12 | FS6801-12-12 | 3500 |
| 1 3/16"-12 | 3/4"-16 | FS6801-12-8 | 4500 |
| 1 3/16"-12 | 7/8"-14 | FS6801-12-10 | 3500 |
| 1 3/16"-12 | 1 5/16"-12 | FS6801-12-16 | 3000 |
| 1 7/16"-12 | 1 5/16"-12 | FS6801-16-16 | 3000 |
| 1 7/16"-12 | 1 1/16"-12 | FS6801-16-12 | 3500 |
| 1 7/16"-12 | 1 5/8"-12 | FS6801-16-20 | 2500 |
| 1 11/16"-12 | 1 5/8"-12 | FS6801-20-20 | 2500 |
| 1 11/16"-12 | 1 5/16"-12 | FS6801-20-16 | 3000 |
| 1 11/16"-12 | 1 7/8"-12 | FS6801-20-24 | 2000 |
| 2"-12 | 1 7/8"-12 | FS6801-24-24 | 2000 |

Serie FS6802 - Codo 45° Macho FS x Macho SAE O-Ring

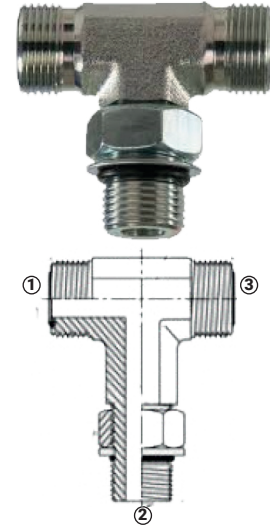


(1) Macho Face Seal
(2) Macho SAE O-Ring

| Rosca Macho Cara Plana | Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|------------------------|-----------------|------------------------------------|------|
| 9/16"-18 | 7/16"-20 | FS6802-4-4 | 5000 |
| 9/16"-18 | 7/16"-20 | FS6802-4-6 | 5000 |
| 11/16"-16 | 9/16"-18 | FS6802-6-6 | 5000 |
| 11/16"-16 | 9/16"-18 | FS6802-6-4 | 5000 |
| 1 3/16"-16 | 3/4"-16 | FS6802-8-8 | 4500 |
| 1"-14 | 7/8"-14 | FS6802-10-10 | 3500 |
| 1"-14 | 1 1/16"-12 | FS6802-10-12 | 3500 |
| 1 3/16"-12 | 1 1/16"-12 | FS6802-12-12 | 3500 |
| 1 7/16"-12 | 1 5/16"-12 | FS6802-16-16 | 3000 |

Serie FS6803 - Tee de Ramificación Macho FS x Macho SAE O-Ring x Macho FS

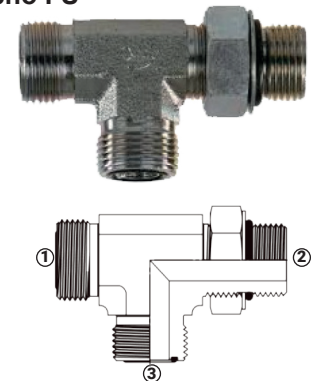
| Rosca Macho Cara Plana (2) | Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|----------------------------|-----------------|------------------------------------|------|
| 9/16"-18 | 7/16"-20 | FS6803-4-4 | 5000 |
| 11/16"-16 | 9/16"-18 | FS6803-6-6 | 5000 |
| 1 3/16"-16 | 3/4"-16 | FS6803-8-8 | 4500 |
| 1 3/16"-12 | 1 1/16"-12 | FS6803-12-12 | 3500 |
| 1 7/16"-12 | 1 5/16"-12 | FS6803-16-16 | 3000 |



- (1) Macho Face Seal
- (2) Macho SAE O-Ring
- (3) Macho Face Seal

Serie FS6804 - Tee de Flujo Macho FS x Macho SAE O-Ring x Macho FS

| Rosca Macho Cara Plana (2) | Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|----------------------------|-----------------|------------------------------------|------|
| 9/16"-18 | 7/16"-20 | FS6804-4-4 | 5000 |
| 11/16"-16 | 9/16"-18 | FS6804-6-6 | 5000 |
| 1 3/16"-16 | 3/4"-16 | FS6804-8-8 | 4500 |
| 1"-14 | 7/8"-14 | FS6804-10-10 | 3500 |
| 1 3/16"-12 | 1 1/16"-12 | FS6804-12-12 | 3500 |
| 1 7/16"-12 | 1 5/16"-12 | FS6804-16-16 | 3000 |
| 1 11/16"-12 | 1 5/8"-12 | FS6804-20-20 | 2500 |
| 2"-12 | 1 7/8"-12 | FS6804-24-24 | 2000 |

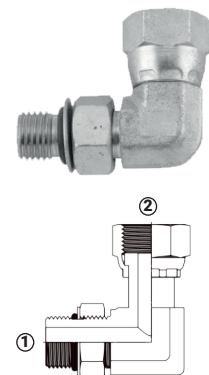


- (1) Macho Face Seal
- (2) Macho SAE O-Ring
- (3) Macho Face Seal

Cara Plana

Serie FS6809 - Codo 90° Macho SAE O-Ring x Hembra FS Giratoria

| Rosca Macho ORB | Rosca Hembra Cara Plana Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------------------------|------------------------------------|------|
| 7/16"-20 | 9/16"-18 | FS6809-4-4 | 5000 |
| 9/16"-18 | 11/16"-16 | FS6809-6-6 | 5000 |
| 3/4"-16 | 1 3/16"-16 | FS6809-8-8 | 4500 |
| 7/8"-14 | 1"-14 | FS6809-10-10 | 3500 |
| 1 1/16"-12 | 1 3/16"-12 | FS6809-12-12 | 3500 |
| 1 5/16"-12 | 1 7/16"-12 | FS6809-16-16 | 3000 |
| 1 5/8"-12 | 1 11/16"-12 | FS6809-20-20 | 2500 |
| 1 7/8"-12 | 2"-12 | FS6809-24-24 | 2000 |



- (1) Macho SAE O-Ring
- (2) Hembra Face Seal Giratoria

Rosca SAE O-Ring Boss

| | |
|-------------------|---------------|
| Serie..... | Página |
| 1231 | 73 - 74 |
| 6400L | 74 |
| 6401 | 75 |
| 6402 | 75 |
| 6403 | 76 |
| 6404 | 76 |
| 6405 | 77 |
| 1255..... | 78 |
| 6408HHP..... | 78 |
| 6410..... | 79 |
| 6420..... | 79 |
| 6425..... | 80 |
| 1238..... | 80 - 81 |
| 6801L..... | 81 |
| 6801LL..... | 82 |
| 1240..... | 82 |
| 6803..... | 83 |
| 6804..... | 83 |
| 6805..... | 84 |
| 6806..... | 84 |
| 6807..... | 85 |
| 6809..... | 85 |
| 6815..... | 86 |

Configuración

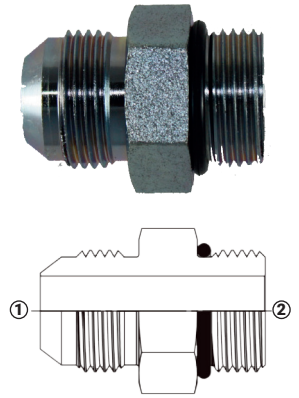
- Serie 1231 - Macho JIC x Macho SAE O-Ring
- Serie 6400L - Macho JIC Largo x Macho SAE O-Ring
- Serie 6401 - Macho SAE O-Ring x Macho NPTF
- Serie 6402 - Macho SAE O-Ring x Hembra JIC Giratoria
- Serie 6403 - Unión Macho SAE O-Ring
- Serie 6404 - Hembra SAE O-Ring x Macho NPTF
- Serie 6405 - Macho SAE O-Ring x Hembra NPTF
- Serie 1255 - Tapón SAE O-Ring Hexagonal
- Serie 6408HHP - Tapón SAE O-Ring Hexagonal Hueco
- Serie 6410 - Macho SAE O-Ring x Hembra SAE O-Ring
- Serie 6420 - Hembra SAE O-Ring x Hembra NPTF
- Serie 6425 - Hembra SAE O-Ring x Hembra SAE O-Ring
- Serie 1238 - Codo 90° Macho SAE O-Ring x Macho JIC 37°
- Serie 6801L - Codo 90° Macho JIC 37° x Macho SAE O-Ring Largo
- Serie 6801LL - Codo 90° Macho JIC 37° x Macho SAE O-Ring Extra Largo
- Serie 1240 - Codo 45° Macho SAE O-Ring x Macho JIC 37°
- Serie 6803 - Tee de Ramificación Macho JIC 37° x Macho JIC 37° x Macho SAE O-Ring
- Serie 6804 - Tee de Flujo Macho JIC 37° x Macho SAE O-Ring x Macho JIC 37°
- Serie 6805 - Codo 90° Macho SAE O-Ring x Hembra NPTF
- Serie 6806 - Codo 90° Macho SAE O-Ring x Macho NPTF
- Serie 6807 - Codo 90° Macho SAE O-Ring
- Serie 6809 - Codo 90° Hembra JIC 37° Giratoria x Macho SAE O-Ring
- Serie 6815 - Codo 90° Macho SAE O-Ring x Hembra SAE O-Ring

Valores de Torque/Apriete

| ORB | Pies/Libras |
|-----|-------------|
| -2 | 6-7 |
| -3 | 8-9 |
| -4 | 13-15 |
| -5 | 17-19 |
| -6 | 22-24 |
| -8 | 40-43 |
| -10 | 43-48 |
| -12 | 68-75 |
| -14 | 90-99 |
| -16 | 112-123 |
| -20 | 146-161 |
| -24 | 154-170 |
| -32 | 218-240 |

Serie 1231 - Macho JIC 37° x Macho SAE O-Ring

| Rosca Macho JIC | Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|---------------------------------------|------|
| 5/16"-24 | 5/16"-24 | 1231-02-02 | 5000 |
| 3/8"-24 | 5/16"-24 | 1231-03-02 | 5000 |
| 3/8"-24 | 3/8"-24 | 1231-03-03 | 5000 |
| 7/16"-20 | 5/16"-24 | 1231-04-02 | 5000 |
| 7/16"-20 | 3/8"-24 | 1231-04-03 | 5000 |
| 7/16"-20 | 7/16"-20 | 1231-04-04 | 5000 |
| 7/16"-20 | 1/2"-20 | 1231-04-05 | 5000 |
| 7/16"-20 | 9/16"-18 | 1231-04-06 | 5000 |
| 7/16"-20 | 3/4"-16 | 1231-04-08 | 4500 |
| 7/16"-20 | 7/8"-14 | 1231-04-10 | 3500 |
| 7/16"-20 | 1 1/16"-12 | 1231-04-12 | 3500 |
| 1/2"-20 | 7/16"-20 | 1231-05-04 | 5000 |
| 1/2"-20 | 1/2"-20 | 1231-05-05 | 5000 |
| 1/2"-20 | 9/16"-18 | 1231-05-06 | 5000 |
| 1/2"-20 | 3/4"-16 | 1231-05-08 | 4500 |
| 9/16"-18 | 7/16"-20 | 1231-06-04 | 5000 |
| 9/16"-18 | 1/2"-20 | 1231-06-05 | 5000 |
| 9/16"-18 | 9/16"-18 | 1231-06-06 | 5000 |
| 9/16"-18 | 3/4"-16 | 1231-06-08 | 4500 |
| 9/16"-18 | 7/8"-14 | 1231-06-10 | 3500 |
| 9/16"-18 | 1 1/16"-12 | 1231-06-12 | 3500 |
| 9/16"-18 | 1 5/16"-12 | 1231-06-16 | 3000 |
| 3/4"-16 | 5/16"-24 | 1231-08-02 | 4500 |
| 3/4"-16 | 7/16"-20 | 1231-08-04 | 4500 |
| 3/4"-16 | 9/16"-18 | 1231-08-06 | 4500 |
| 3/4"-16 | 3/4"-16 | 1231-08-08 | 4500 |
| 3/4"-16 | 7/8"-14 | 1231-08-10 | 3500 |
| 3/4"-16 | 1 1/16"-12 | 1231-08-12 | 3500 |
| 3/4"-16 | 1 3/16"-12 | 1231-08-14 | 3000 |
| 3/4"-16 | 1 5/16"-12 | 1231-08-16 | 3000 |
| 7/8"-14 | 5/16"-24 | 1231-10-02 | 3500 |
| 7/8"-14 | 7/16"-20 | 1231-10-04 | 3500 |
| 7/8"-14 | 9/16"-18 | 1231-10-06 | 3500 |
| 7/8"-14 | 3/4"-16 | 1231-10-08 | 3500 |
| 7/8"-14 | 7/8"-14 | 1231-10-10 | 3500 |
| 7/8"-14 | 1 1/16"-12 | 1231-10-12 | 3500 |
| 7/8"-14 | 1 3/16"-12 | 1231-10-14 | 3000 |
| 7/8"-14 | 1 5/16"-12 | 1231-10-16 | 3000 |
| 7/8"-14 | 1 5/8"-12 | 1231-10-20 | 2500 |
| 1 1/16"-12 | 7/16"-20 | 1231-12-04 | 3500 |
| 1 1/16"-12 | 9/16"-18 | 1231-12-06 | 3500 |
| 1 1/16"-12 | 3/4"-16 | 1231-12-08 | 3500 |
| 1 1/16"-12 | 7/8"-14 | 1231-12-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 1231-12-12 | 3500 |
| 1 1/16"-12 | 1 3/16"-12 | 1231-12-14 | 3000 |



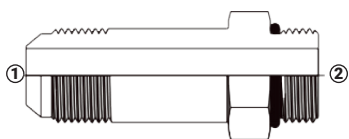
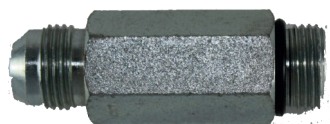
(1) Macho JIC
(2) Macho SAE O-Ring
SAE 070120

Serie 1231 - Macho JIC 37° x Macho SAE O-Ring (Continuación)

| Rosca Macho JIC | Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|------------------------------------|------|
| 1 1/16"-12 | 1 5/16"-12 | 1231-12-16 | 3000 |
| 1 1/16"-12 | 1 5/8"-12 | 1231-12-20 | 2500 |
| 1 1/16"-12 | 1 7/8"-12 | 1231-12-24 | 2000 |
| 1 3/16"-12 | 7/8"-14 | 1231-14-10 | 3000 |
| 1 3/16"-12 | 1 1/16"-12 | 1231-14-12 | 3000 |
| 1 3/16"-12 | 1 3/16"-12 | 1231-14-14 | 3000 |
| 1 3/16"-12 | 1 5/16"-12 | 1231-14-16 | 3000 |
| 1 5/16"-12 | 3/4"-16 | 1231-16-08 | 3000 |
| 1 5/16"-12 | 7/8"-14 | 1231-16-10 | 3000 |
| 1 5/16"-12 | 1 1/16"-12 | 1231-16-12 | 3000 |
| 1 5/16"-12 | 1 3/16"-12 | 1231-16-14 | 3000 |
| 1 5/16"-12 | 1 5/16"-12 | 1231-16-16 | 3000 |
| 1 5/16"-12 | 1 5/8"-12 | 1231-16-20 | 2500 |
| 1 5/16"-12 | 1 7/8"-12 | 1231-16-24 | 2000 |
| 1 5/8"-12 | 1 1/16"-12 | 1231-20-12 | 2500 |
| 1 5/8"-12 | 1 5/16"-12 | 1231-20-20 | 2500 |
| 1 5/8"-12 | 1 5/8"-12 | 1231-20-16 | 2500 |
| 1 5/8"-12 | 1 7/8"-12 | 1231-20-24 | 2000 |
| 1 7/8"-12 | 1 1/16"-12 | 1231-24-12 | 2000 |
| 1 7/8"-12 | 1 5/16"-12 | 1231-24-16 | 2000 |
| 1 7/8"-12 | 1 5/8"-12 | 1231-24-20 | 2000 |
| 1 7/8"-12 | 1 7/8"-12 | 1231-24-24 | 2000 |
| 1 7/8"-12 | 2 1/2"-12 | 1231-24-32 | 1500 |
| 2 1/2"-12 | 1 7/8"-12 | 1231-32-24 | 1500 |
| 2 1/2"-12 | 2 1/2"-12 | 1231-32-32 | 1500 |
| 9/16"-18 | 9/16"-18 | 1231S-06-06 | 4000 |
| 3/4"-16 | 3/4"-16 | 1231S-08-08 | 4000 |
| 7/8"-14 | 7/8"-14 | 1231S-10-10 | 3000 |

Serie 6400L - Macho JIC 37° Largo x Macho SAE O-Ring

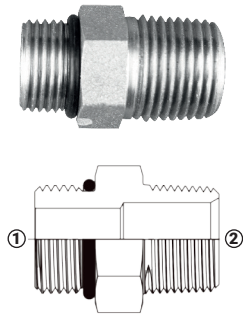
| Rosca Macho JIC | Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 6400L-4-4 | 5000 |
| 9/16"-18 | 9/16"-18 | 6400L-6-6 | 5000 |
| 9/16"-18 | 3/4"-16 | 6400L-6-8 | 4500 |
| 3/4"-16 | 9/16"-18 | 6400L-8-6 | 4500 |
| 3/4"-16 | 3/4"-16 | 6400L-8-8 | 4500 |
| 7/8"-14 | 7/8"-14 | 6400L-10-10 | 3500 |
| 1 1/16"-12 | 7/8"-14 | 6400L-12-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 6400L-12-12 | 3500 |
| 1 5/16"-12 | 1 5/16"-12 | 6400L-16-16 | 3000 |
| 1 5/8"-12 | 1 5/16"-12 | 6400L-20-16 | 2500 |
| 1 5/8"-12 | 1 5/8"-12 | 6400L-20-20 | 2500 |



(1) Macho JIC
(2) Macho SAE O-Ring
SAE 070122

Serie 6401 - Macho SAE O-Ring x Macho NPTF

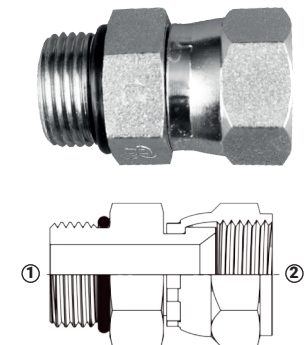
| Rosca Macho ORB | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------------|---------------------------------------|-------|
| 5/16"-24 | 1/4"-18 | 6401-2-4 | 5000 |
| 7/16"-20 | 1/8"-27 | 6401-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 6401-4-4 | 5000 |
| 1/2"-20 | 1/4"-18 | 6401-5-4 | 5000 |
| 9/16"-18 | 1/4"-18 | 6401-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 6401-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | 6401-6-8 | 3000 |
| 3/4"-16 | 1/4"-18 | 6401-8-4 | 4500 |
| 3/4"-16 | 3/8"-18 | 6401-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 6401-8-8 | 3000 |
| 3/4"-16 | 3/4"-14 | 6401-8-12 | 25000 |
| 7/8"-14 | 1/4"-18 | 6401-10-4 | 3500 |
| 7/8"-14 | 3/8"-18 | 6401-10-6 | 3500 |
| 7/8"-14 | 1/2"-14 | 6401-10-8 | 3000 |
| 1 1/16"-12 | 1/2"-14 | 6401-12-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 6401-12-12 | 2500 |
| 1 1/16"-12 | 1"- 11 1/2 | 6401-12-16 | 2000 |
| 1 3/16"-12 | 3/4"-14 | 6401-14-12 | 2500 |
| 1 5/16"-12 | 3/4"-14 | 6401-16-12 | 2500 |
| 1 5/16"-12 | 1"- 11 1/2 | 6401-16-16 | 2000 |
| 1 5/16"-12 | 1 1/4" - 11 1/2 | 6401-16-20 | 1150 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 6401-20-20 | 1150 |
| 1 5/8"-12 | 1 1/2" -11 1/2 | 6401-20-24 | 1000 |
| 1 7/8"-12 | 1 1/4" - 11 1/2 | 6401-24-20 | 1150 |
| 1 7/8"-12 | 1 1/2" -11 1/2 | 6401-24-24 | 1000 |
| 2 1/2"-12 | 2"-11 1/2 | 6401-32-32 | 1000 |



(1) Macho SAE O-Ring
(2) Macho NPTF

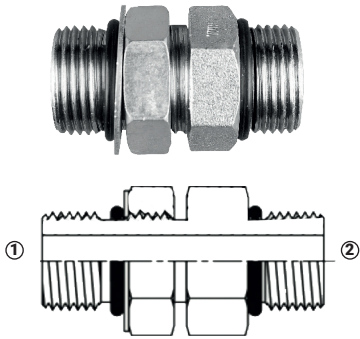
Serie 6402 - Macho SAE O-Ring x Hembra JIC 37° Giratoria

| Rosca Macho ORB | Rosca Hembra JIC Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-------------------------------|---------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 6402-4-4 | 4500 |
| 9/16"-18 | 7/16"-20 | 6402-6-4 | 4500 |
| 9/16"-18 | 9/16"-18 | 6402-6-6 | 4000 |
| 9/16"-18 | 3/4"-16 | 6402-6-8 | 4000 |
| 3/4"-16 | 9/16"-18 | 6402-8-6 | 4000 |
| 3/4"-16 | 3/4"-16 | 6402-8-8 | 4000 |
| 3/4"-16 | 7/8"-14 | 6402-8-10 | 3000 |
| 7/8"-14 | 3/4"-16 | 6402-10-8 | 3500 |
| 7/8"-14 | 7/8"-14 | 6402-10-10 | 3000 |
| 1 1/16"-12 | 1 1/16"-12 | 6402-12-12 | 3000 |
| 1 5/16"-12 | 1 1/16"-12 | 6402-16-12 | 3000 |
| 1 5/16"-12 | 1 5/16"-12 | 6402-16-16 | 2500 |
| 1 5/8"-12 | 1 5/8"-12 | 6402-20-20 | 2000 |
| 1 7/8"-12 | 1 7/8"-12 | 6402-24-24 | 1500 |
| 2 1/2"-12 | 2 1/2"-12 | 6402-32-32 | 1125 |



(1) Macho SAE O-Ring
(2) Hembra JIC Giratoria

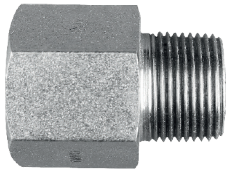
Serie 6403 - Unión Macho SAE O-Ring



(1) Macho SAE O-Ring
(2) Macho SAE O-Ring

| Rosca Macho ORB | Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 6403-4 | 5000 |
| 9/16"-18 | 9/16"-18 | 6403-6 | 5000 |
| 9/16"-18 | 7/16"-20 | 6403-6-4 | 5000 |
| 3/4"-16 | 3/4"-16 | 6403-8 | 4500 |
| 3/4"-16 | 9/16"-18 | 6403-8-6 | 4500 |
| 7/8"-14 | 7/8"-14 | 6403-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 6403-12 | 3500 |
| 1 1/16"-12 | 7/8"-14 | 6403-12-10 | 3500 |
| 1 5/16"-12 | 1 5/16"-12 | 6403-16 | 3000 |
| 1 5/16"-12 | 1 1/16"-12 | 6403-16-12 | 3000 |
| 1 5/8"-12 | 1 5/8"-12 | 6403-20 | 2500 |
| 1 7/8"-12 | 1 7/8"-12 | 6403-24 | 2000 |
| 2 1/2"-12 | 2 1/2"-12 | 6403-32 | 1500 |

Serie 6404 - Hembra SAE O-Ring x Macho NPTF

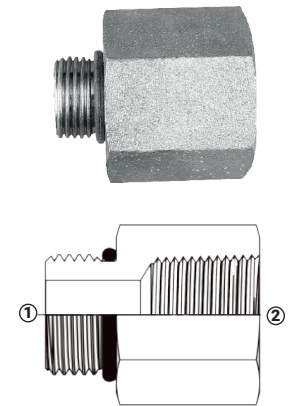


(1) Hembra SAE O-Ring
(2) Macho NPTF

| Rosca Hembra ORB | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|------------------|------------------|------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 6404-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 6404-4-4 | 5000 |
| 9/16"-18 | 1/4"-18 | 6404-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 6404-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | 6404-6-8 | 3000 |
| 3/4"-16 | 3/8"-18 | 6404-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 6404-8-8 | 3000 |
| 3/4"-16 | 3/4"-14 | 6404-8-12 | 3000 |
| 7/8"-14 | 1/2"-14 | 6404-10-8 | 3500 |
| 7/8"-14 | 3/4"-14 | 6404-10-12 | 2500 |
| 1 1/16"-12 | 3/4"-14 | 6404-12-12 | 2500 |
| 1 5/16"-12 | 1" - 11 1/2 | 6404-16-16 | 2000 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 6404-20-20 | 1150 |

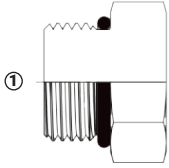
Serie 6405 - Macho SAE O-Ring x Hembra NPTF

| Rosca Macho ORB | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-------------------|---------------------------------------|------|
| 5/16"-24 | 1/8"-27 | 6405-2-2 | 5000 |
| 3/8"-24 | 1/8"-27 | 6405-3-2 | 5000 |
| 7/16"-20 | 1/8"-27 | 6405-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 6405-4-4 | 5000 |
| 7/16"-20 | 3/8"-18 | 6405-4-6 | 4000 |
| 1/2"-20 | 1/8"-27 | 6405-5-2 | 5000 |
| 1/2"-20 | 1/4"-18 | 6405-5-4 | 5000 |
| 9/16"-18 | 1/8"-27 | 6405-6-2 | 5000 |
| 9/16"-18 | 1/4"-18 | 6405-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 6405-6-6 | 5000 |
| 9/16"-18 | 1/2"-14 | 6405-6-8 | 3000 |
| 3/4"-16 | 1/4"-18 | 6405-8-4 | 4500 |
| 3/4"-16 | 3/8"-18 | 6405-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 6405-8-8 | 3000 |
| 3/4"-16 | 3/4"-14 | 6405-8-12 | 2500 |
| 7/8"-14 | 1/8"-27 | 6405-10-2 | 3500 |
| 7/8"-14 | 1/4"-18 | 6405-10-4 | 3500 |
| 7/8"-14 | 3/8"-18 | 6405-10-6 | 3500 |
| 7/8"-14 | 1/2"-14 | 6405-10-8 | 3000 |
| 7/8"-14 | 3/4"-14 | 6405-10-12 | 2500 |
| 1 1/16"-12 | 1/4"-18 | 6405-12-4 | 3500 |
| 1 1/16"-12 | 3/8"-18 | 6405-12-6 | 3500 |
| 1 1/16"-12 | 1/2"-14 | 6405-12-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 6405-12-12 | 2500 |
| 1 1/16"-12 | 1"- 11 1/2 | 6405-12-16 | 2000 |
| 1 3/16"-12 | 3/4"-14 | 6405-14-12 | 2500 |
| 1 3/16"-12 | 1"- 11 1/2 | 6405-14-16 | 2000 |
| 1 5/16"-12 | 1/2"-14 | 6405-16-8 | 3000 |
| 1 5/16"-12 | 3/4"-14 | 6405-16-12 | 2500 |
| 1 5/16"-12 | 1"- 11 1/2 | 6405-16-16 | 2000 |
| 1 5/16"-12 | 1 1/4" - 11 1/2 | 6405-16-20 | 1150 |
| 1 5/16"-12 | 1 1/2" -11 1/2 | 6405-16-24 | 1000 |
| 1 5/8"-12 | 3/4"-14 | 6405-20-12 | 2500 |
| 1 5/8"-12 | 1"- 11 1/2 | 6405-20-16 | 2000 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 6405-20-20 | 1150 |
| 1 5/8"-12 | 1 1/2" -11 1/2 | 6405-20-24 | 1000 |
| 1 7/8"-12 | 1"- 11 1/2 | 6405-24-16 | 2000 |
| 1 7/8"-12 | 1 1/4" - 11 1/2 | 6405-24-20 | 1150 |
| 1 7/8"-12 | 1 1/2" -11 1/2 | 6405-24-24 | 1000 |
| 1 7/8"-12 | 2"-11 1/2 | 6405-24-31 | 1000 |
| 2 1/2"-12 | 1 1/4" - 11 1/2 | 6405-32-20 | 1150 |
| 2 1/2"-12 | 1 1/2" -11 1/2 | 6405-32-24 | 1000 |
| 2 1/2"-12 | 2"-11 1/2 | 6405-32-32 | 1000 |



(1) Macho SAE O-Ring
(2) Hembra JIC Giratoria

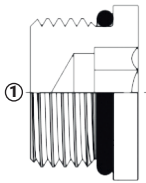
Serie 1255 - Tapón SAE O-Ring Hexagonal



(1) Macho SAE O-Ring

| Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|---------------------------------------|------|
| 7/16"-20 | 1255-04H | 5000 |
| 1/2"-20 | 1255-05H | 5000 |
| 9/16"-18 | 1255-06H | 5000 |
| 3/4"-16 | 1255-08H | 4500 |
| 7/8"-14 | 1255-10H | 3500 |
| 1 1/16"-12 | 1255-12H | 3500 |
| 1 3/16"-12 | 1255-14H | 3000 |
| 1 5/16"-12 | 1255-16H | 3000 |
| 1 5/8"-12 | 1255-20H | 2500 |
| 1 7/8"-12 | 1255-24H | 2000 |
| 2 1/2"-12 | 1255-32H | 1500 |
| 3"-12 | 1255-40H | 1000 |

Serie 6408HHP - Tapón SAE O-Ring Hexagonal Hueco



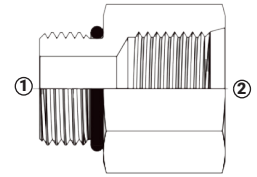
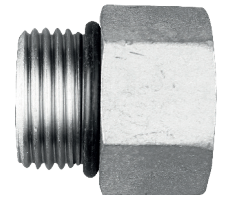
(1) Macho SAE O-Ring

| Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|---------------------------------------|------|
| 5/16"-24 | 6408HHP-2 | 5000 |
| 3/8"-24 | 6408HHP-3 | 5000 |
| 7/16"-20 | 6408HHP-4 | 5000 |
| 1/2"-20 | 6408HHP-5 | 5000 |
| 9/16"-18 | 6408HHP-6 | 5000 |
| 3/4"-16 | 6408HHP-8 | 4500 |
| 7/8"-14 | 6408HHP-10 | 3500 |
| 1 1/16"-12 | 6408HHP-12 | 3500 |
| 1 5/16"-12 | 6408HHP-16 | 3000 |
| 1 5/8"-12 | 6408HHP-20 | 2500 |
| 1 7/8"-12 | 6408HHP-24 | 2000 |
| 2 1/2"-12 | 6408HHP-32 | 1500 |

G SAE O-Ring Boss

Serie 6410 - Macho SAE O-Ring x Hembra SAE O-Ring

| Rosca Macho ORB | Rosca Hembra ORB | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------------|---------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 6410-4-4 | 5000 |
| 7/16"-20 | 9/16"-18 | 6410-4-6 | 5000 |
| 1/2"-20 | 7/16"-20 | 6410-5-4 | 5000 |
| 9/16"-18 | 7/16"-20 | 6410-6-4 | 5000 |
| 9/16"-18 | 9/16"-18 | 6410-6-6 | 5000 |
| 9/16"-18 | 3/4"-16 | 6410-6-8 | 4500 |
| 3/4"-16 | 9/16"-18 | 6410-8-6 | 4500 |
| 3/4"-16 | 3/4"-16 | 6410-8-8 | 4500 |
| 3/4"-16 | 7/8"-14 | 6410-8-10 | 3500 |
| 3/4"-16 | 1 1/16"-12 | 6410-8-12 | 3500 |
| 7/8"-14 | 7/16"-20 | 6410-10-4 | 3500 |
| 7/8"-14 | 9/16"-18 | 6410-10-6 | 3500 |
| 7/8"-14 | 3/4"-16 | 6410-10-8 | 3500 |
| 7/8"-14 | 7/8"-14 | 6410-10-10 | 3500 |
| 7/8"-14 | 1 1/16"-12 | 6410-10-12 | 3500 |
| 1 1/16"-12 | 7/16"-20 | 6410-12-4 | 3500 |
| 1 1/16"-12 | 9/16"-18 | 6410-12-6 | 3500 |
| 1 1/16"-12 | 3/4"-16 | 6410-12-8 | 3500 |
| 1 1/16"-12 | 7/8"-14 | 6410-12-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 6410-12-12 | 3500 |
| 1 1/16"-12 | 1 5/16"-12 | 6410-12-16 | 3000 |
| 1 3/16"-12 | 1 1/16"-12 | 6410-14-12 | 3000 |
| 1 5/16"-12 | 7/16"-20 | 6410-16-4 | 3000 |
| 1 5/16"-12 | 9/16"-18 | 6410-16-6 | 3000 |
| 1 5/16"-12 | 3/4"-16 | 6410-16-8 | 3000 |
| 1 5/16"-12 | 7/8"-14 | 6410-16-10 | 3000 |
| 1 5/16"-12 | 1 1/16"-12 | 6410-16-12 | 3000 |
| 1 5/16"-12 | 1 5/8"-12 | 6410-16-20 | 2500 |
| 1 5/8"-12 | 7/16"-20 | 6410-20-4 | 2500 |
| 1 5/8"-12 | 7/8"-14 | 6410-20-10 | 2500 |
| 1 5/8"-12 | 1 1/16"-12 | 6410-20-12 | 2500 |
| 1 5/8"-12 | 1 5/16"-12 | 6410-20-16 | 2500 |
| 1 7/8"-12 | 1 5/16"-12 | 6410-24-16 | 2000 |
| 1 7/8"-12 | 1 5/8"-12 | 6410-24-20 | 2000 |
| 2 1/2"-12 | 1 7/8"-12 | 6410-32-24 | 1500 |



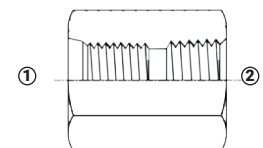
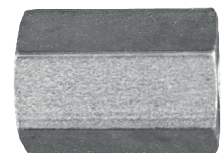
(1) Macho SAE O-Ring
(2) Hembra SAE O-Ring

SAE O-Ring
Boss

G

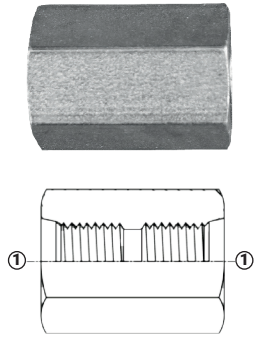
Serie 6420 - Hembra SAE O-Ring x Hembra NPTF

| Rosca Hembra ORB | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|------------------|-------------------|---------------------------------------|------|
| 7/16"-20 | 1/4"-18 | 6420-4-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 6420-6-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 6420-8-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 6420-12-12 | 2500 |



(1) Hembra SAE O-Ring
(2) Hembra NPTF

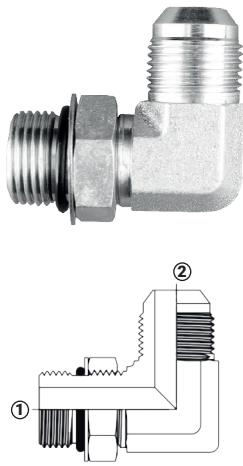
Serie 6425 - Hembra SAE O-Ring x Hembra SAE O-Ring



(1) Hembra SAE O-Ring
(2) Hembra SAE O-Ring

| Rosca Hembra ORB | Rosca Hembra ORB | Acero al Carbón Zincado # de Parte | PSI |
|------------------|------------------|------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 6425-4-4 | 4500 |
| 9/16"-18 | 9/16"-18 | 6425-6-6 | 4000 |
| 3/4"-16 | 3/4"-16 | 6425-8-8 | 4000 |
| 7/8"-14 | 7/8"-14 | 6425-10-10 | 3000 |
| 1 1/16"-12 | 1 1/16"-12 | 6425-12-12 | 3000 |

Serie 1238 - Codo 90° Macho SAE O-Ring x Macho JIC 37°



(1) Macho SAE O-Ring
(2) Macho JIC
SAE 070220

| Rosca Macho ORB | Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|------------------------------------|------|
| 5/16"-24 | 5/16"-24 | 1238-02-02 | 5000 |
| 5/16"-24 | 7/16"-20 | 1238-02-04 | 5000 |
| 3/8"-24 | 3/8"-24 | 1238-03-03 | 5000 |
| 3/8"-24 | 1/2"-20 | 1238-03-05 | 5000 |
| 7/16"-20 | 5/16"-24 | 1238-04-02 | 5000 |
| 7/16"-20 | 7/16"-20 | 1238-04-04 | 5000 |
| 7/16"-20 | 1/2"-20 | 1238-04-05 | 5000 |
| 7/16"-20 | 9/16"-18 | 1238-04-06 | 5000 |
| 7/16"-20 | 3/4"-16 | 1238-04-08 | 4500 |
| 1/2"-20 | 7/16"-20 | 1238-05-04 | 5000 |
| 1/2"-20 | 1/2"-20 | 1238-05-05 | 5000 |
| 1/2"-20 | 9/16"-18 | 1238-05-06 | 5000 |
| 9/16"-18 | 7/16"-20 | 1238-06-04 | 5000 |
| 9/16"-18 | 1/2"-20 | 1238-06-05 | 5000 |
| 9/16"-18 | 9/16"-18 | 1238-06-06 | 5000 |
| 9/16"-18 | 3/4"-16 | 1238-06-08 | 4500 |
| 9/16"-18 | 7/8"-14 | 1238-06-10 | 3500 |
| 9/16"-18 | 1 1/16"-12 | 1238-06-12 | 3500 |
| 3/4"-16 | 7/16"-20 | 1238-08-04 | 4500 |
| 3/4"-16 | 1/2"-20 | 1238-08-05 | 4500 |
| 3/4"-16 | 9/16"-18 | 1238-08-06 | 4500 |
| 3/4"-16 | 3/4"-16 | 1238-08-08 | 4500 |
| 3/4"-16 | 7/8"-14 | 1238-08-10 | 3500 |
| 3/4"-16 | 1 1/16"-12 | 1238-08-12 | 3500 |
| 3/4"-16 | 1 5/16"-12 | 1238-08-16 | 3000 |
| 7/8"-14 | 1/2"-20 | 1238-10-05 | 3500 |
| 7/8"-14 | 9/16"-18 | 1238-10-06 | 3500 |
| 7/8"-14 | 3/4"-16 | 1238-10-08 | 3500 |
| 7/8"-14 | 7/8"-14 | 1238-10-10 | 3500 |
| 7/8"-14 | 1 1/16"-12 | 1238-10-12 | 3500 |
| 7/8"-14 | 1 5/16"-12 | 1238-10-16 | 3000 |

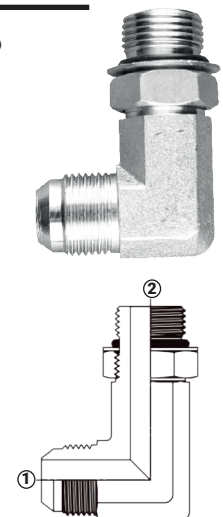
* Números con "S" indican que son Rosca Macho Giratorio

Serie 1238 - Codo 90° Macho JIC 37° x Macho SAE O-Ring (Continuación)

| Rosca Macho ORB | Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|---------------------------------------|------|
| 1 1/16"-12 | 7/16"-20 | 1238-12-04 | 3500 |
| 1 1/16"-12 | 9/16"-18 | 1238-12-06 | 3500 |
| 1 1/16"-12 | 3/4"-16 | 1238-12-08 | 3500 |
| 1 1/16"-12 | 7/8"-14 | 1238-12-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 1238-12-12 | 3500 |
| 1 1/16"-12 | 1 5/16"-12 | 1238-12-16 | 3000 |
| 1 1/16"-12 | 1 5/8"-12 | 1238-12-20 | 2500 |
| 1 3/16"-12 | 1 1/16"-12 | 1238-14-12 | 3000 |
| 1 3/16"-12 | 1 3/16"-12 | 1238-14-14 | 3000 |
| 1 3/16"-12 | 1 5/16"-12 | 1238-14-16 | 3000 |
| 1 5/16"-12 | 3/4"-16 | 1238-16-08 | 3000 |
| 1 5/16"-12 | 7/8"-14 | 1238-16-10 | 3000 |
| 1 5/16"-12 | 1 1/16"-12 | 1238-16-12 | 3000 |
| 1 5/16"-12 | 1 3/16"-12 | 1238-16-14 | 3000 |
| 1 5/16"-12 | 1 5/16"-12 | 1238-16-16 | 3000 |
| 1 5/16"-12 | 1 5/8"-12 | 1238-16-20 | 2500 |
| 1 5/8"-12 | 1 1/16"-12 | 1238-20-12 | 2500 |
| 1 5/8"-12 | 1 5/16"-12 | 1238-20-16 | 2500 |
| 1 5/8"-12 | 1 5/8"-12 | 1238-20-20 | 2500 |
| 1 5/8"-12 | 1 7/8"-12 | 1238-20-24 | 2000 |
| 1 7/8"-12 | 1 5/16"-12 | 1238-24-16 | 2000 |
| 1 7/8"-12 | 1 5/8"-12 | 1238-24-20 | 2000 |
| 1 7/8"-12 | 1 7/8"-12 | 1238-24-24 | 2000 |
| 1 7/8"-12 | 2 1/2"-12 | 1238-24-32 | 1500 |
| 2 1/2"-12 | 1 5/8"-12 | 1238-32-20 | 1500 |
| 2 1/2"-12 | 2 1/2"-12 | 1238-32-32 | 1500 |
| 9/16"-18 | 9/16"-18 | 1238S-06-06* | 4000 |
| 3/4"-16 | 3/4"-16 | 1238S-08-08* | 4000 |
| 7/8"-14 | 7/8"-14 | 1238S-10-10* | 3000 |

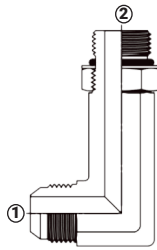
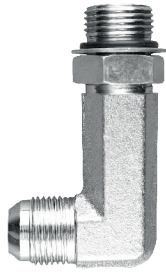
Serie 6801L - Codo 90° Macho JIC 37° x Macho SAE O-Ring Largo

| Rosca Macho JIC | Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|---------------------------------------|------|
| 7/16"-20 | 9/16"-18 | 6801L-4-6 | 5000 |
| 9/16"-18 | 9/16"-18 | 6801L-6-6 | 5000 |
| 3/4"-16 | 9/16"-18 | 6801L-8-6 | 4500 |
| 3/4"-16 | 3/4"-16 | 6801L-8-8 | 4500 |
| 3/4"-16 | 7/8"-14 | 6801L-8-10 | 3500 |
| 7/8"-14 | 7/8"-14 | 6801L-10-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 6801L-12-12 | 3500 |
| 1 5/16"-12 | 1 5/16"-12 | 6801L-16-16 | 3000 |
| 1 5/8"-12 | 1 5/8"-12 | 6801L-20-20 | 2500 |



(1) Macho JIC
(2) Macho SAE O-Ring

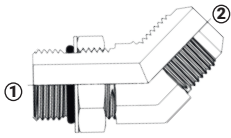
Serie 6801LL - Codo 90° Macho JIC 37° x Macho SAE O-Ring Extra Largo



(1) Macho JIC
(2) Macho SAE O-Ring

| Rosca Macho JIC | Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 6801LL-4-4 | 5000 |
| 7/16"-20 | 9/16"-18 | 6801LL-4-6 | 5000 |
| 9/16"-18 | 9/16"-18 | 6801LL-6-6 | 5000 |
| 9/16"-18 | 3/4"-16 | 6801LL-6-8 | 4500 |
| 3/4"-16 | 9/16"-18 | 6801LL-8-6 | 4500 |
| 3/4"-16 | 3/4"-16 | 6801LL-8-8 | 4500 |
| 3/4"-16 | 7/8"-14 | 6801LL-8-10 | 3500 |
| 7/8"-14 | 7/8"-14 | 6801LL-10-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 6801LL-12-12 | 3500 |
| 1 5/16"-12 | 1 5/16"-12 | 6801LL-16-16 | 3000 |
| 1 5/8"-12 | 1 5/16"-12 | 6801LL-20-16 | 2500 |

Serie 1240 - Codo 45° Macho SAE O-Ring x Macho JIC 37°



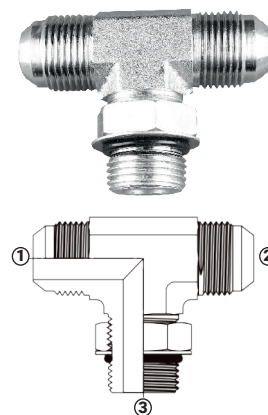
(1) Macho SAE O-Ring
(2) Macho JIC
SAE 070320

| Rosca Macho ORB | Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 1240-04-04 | 5000 |
| 7/16"-20 | 9/16"-18 | 1240-04-06 | 5000 |
| 1/2"-20 | 1/2"-20 | 1240-05-05 | 5000 |
| 9/16"-18 | 7/16"-20 | 1240-06-04 | 5000 |
| 9/16"-18 | 1/2"-20 | 1240-06-05 | 5000 |
| 9/16"-18 | 9/16"-18 | 1240-06-06 | 5000 |
| 9/16"-18 | 3/4"-16 | 1240-06-08 | 4500 |
| 3/4"-16 | 7/16"-20 | 1240-08-04 | 4500 |
| 3/4"-16 | 9/16"-18 | 1240-08-06 | 4500 |
| 3/4"-16 | 3/4"-16 | 1240-08-08 | 4500 |
| 3/4"-16 | 7/8"-14 | 1240-08-10 | 3500 |
| 3/4"-16 | 1 1/16"-12 | 1240-08-12 | 3500 |
| 7/8"-14 | 9/16"-18 | 1240-10-06 | 3500 |
| 7/8"-14 | 3/4"-16 | 1240-10-08 | 3500 |
| 7/8"-14 | 7/8"-14 | 1240-10-10 | 3500 |
| 7/8"-14 | 1 1/16"-12 | 1240-10-12 | 3500 |
| 1 1/16"-12 | 3/4"-16 | 1240-12-08 | 3500 |
| 1 1/16"-12 | 7/8"-14 | 1240-12-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 1240-12-12 | 3500 |
| 1 1/16"-12 | 1 5/16"-12 | 1240-12-16 | 3000 |
| 1 5/16"-12 | 1 1/16"-12 | 1240-16-12 | 3000 |
| 1 5/16"-12 | 1 5/16"-12 | 1240-16-16 | 3000 |
| 1 5/16"-12 | 1 5/8"-12 | 1240-16-20 | 2500 |
| 1 5/8"-12 | 1 5/16"-12 | 1240-20-16 | 2500 |
| 1 5/8"-12 | 1 5/8"-12 | 1240-20-20 | 2500 |
| 1 5/8"-12 | 1 7/8"-12 | 1240-20-24 | 2000 |
| 1 7/8"-12 | 1 5/8"-12 | 1240-24-20 | 2000 |
| 1 7/8"-12 | 1 7/8"-12 | 1240-24-24 | 2000 |
| 2 1/2"-12 | 2 1/2"-12 | 1240-32-32 | 1500 |

SAE O-Ring Boss

Serie 6803 - Tee de Ramificación Macho JIC 37° x Macho JIC 37° x Macho SAE O-Ring

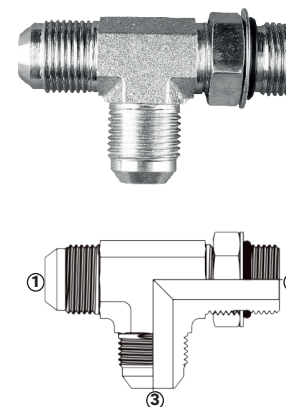
| Rosca Macho JIC | Rosca Macho JIC | Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|-----------------|------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 5/16"-24 | 6803-4-4-2 | 5000 |
| 7/16"-20 | 7/16"-20 | 7/16"-20 | 6803-4 | 5000 |
| 7/16"-20 | 7/16"-20 | 9/16"-18 | 6803-4-4-6 | 5000 |
| 7/16"-20 | 9/16"-18 | 7/16"-20 | 6803-4-6-4 | 5000 |
| 1/2"-20 | 1/2"-20 | 1/2"-20 | 6803-5 | 5000 |
| 9/16"-18 | 9/16"-18 | 7/16"-20 | 6803-6-4 | 5000 |
| 9/16"-18 | 9/16"-18 | 7/16"-20 | 6803-6-6-4 | 5000 |
| 9/16"-18 | 9/16"-18 | 3/4"-16 | 6803-6-6-8 | 4500 |
| 9/16"-18 | 3/4"-16 | 3/4"-16 | 6803-6-8-8 | 4500 |
| 9/16"-18 | 9/16"-18 | 9/16"-18 | 6803-6 | 5000 |
| 3/4"-16 | 3/4"-16 | 9/16"-18 | 6803-8-8-6 | 4500 |
| 3/4"-16 | 3/4"-16 | 3/4"-16 | 6803-8 | 4500 |
| 7/8"-14 | 7/8"-14 | 3/4"-16 | 6803-10-10-8 | 3500 |
| 7/8"-14 | 7/8"-14 | 7/8"-14 | 6803-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 1 1/16"-12 | 6803-12 | 3500 |
| 1 3/16"-12 | 1 3/16"-12 | 1 3/16"-12 | 6803-14 | 3000 |
| 1 5/16"-12 | 1 5/16"-12 | 1 1/16"-12 | 6803-16-16-12 | 3000 |
| 1 5/16"-12 | 1 5/16"-12 | 1 5/16"-12 | 6803-16 | 3000 |
| 1 5/8"-12 | 1 5/8"-12 | 1 5/8"-12 | 6803-20 | 2500 |
| 1 7/8"-12 | 1 7/8"-12 | 1 7/8"-12 | 6803-24 | 2000 |
| 2 1/2"-12 | 2 1/2"-12 | 2 1/2"-12 | 6803-32 | 1500 |



(1) Macho JIC
(2) Macho JIC
(3) Macho SAE O-Ring
SAE 070429

Serie 6804 - Tee de Flujo Macho JIC 37° x Macho SAE O-Ring x Macho JIC 37°

| Rosca Macho JIC | Rosca Macho ORB | Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|-----------------|------------------------------------|------|
| 7/16"-20 | 9/16"-18 | 7/16"-20 | 6804-4-6-4 | 5000 |
| 7/16"-20 | 7/16"-20 | 7/16"-20 | 6804-4 | 5000 |
| 9/16"-18 | 7/16"-20 | 9/16"-18 | 6804-6-4-6 | 5000 |
| 9/16"-18 | 3/4"-16 | 9/16"-18 | 6804-6-8-6 | 4500 |
| 9/16"-18 | 9/16"-18 | 9/16"-18 | 6804-6 | 5000 |
| 3/4"-16 | 7/8"-14 | 3/4"-16 | 6804-8-10 | 3500 |
| 3/4"-16 | 3/4"-16 | 3/4"-16 | 6804-8 | 4500 |
| 7/8"-14 | 3/4"-16 | 7/8"-14 | 6804-10-8-10 | 3500 |
| 7/8"-14 | 1 1/16"-12 | 7/8"-14 | 6804-10-12-10 | 3500 |
| 7/8"-14 | 7/8"-14 | 7/8"-14 | 6804-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 1 5/16"-12 | 6804-12-12-16 | 3000 |
| 1 1/16"-12 | 1 1/16"-12 | 1 1/16"-12 | 6804-12 | 3500 |
| 1 3/16"-12 | 1 3/16"-12 | 1 3/16"-12 | 6804-14 | 3000 |
| 1 5/16"-12 | 1 1/16"-12 | 1 5/16"-12 | 6804-16-12-16 | 3000 |
| 1 5/16"-12 | 1 5/16"-12 | 1 5/16"-12 | 6804-16 | 3000 |
| 1 5/8"-12 | 1 5/8"-12 | 1 5/8"-12 | 6804-20 | 2500 |
| 1 7/8"-12 | 1 7/8"-12 | 1 7/8"-12 | 6804-24 | 2000 |
| 2 1/2"-12 | 2 1/2"-12 | 2 1/2"-12 | 6804-32 | 1500 |

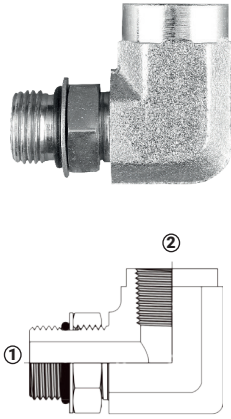


(1) Macho JIC
(2) Macho SAE O-Ring
(3) Macho JIC
SAE 070428

SAE O-Ring Boss



Serie 6805 - Codo 90° Macho SAE O-Ring x Hembra NPTF

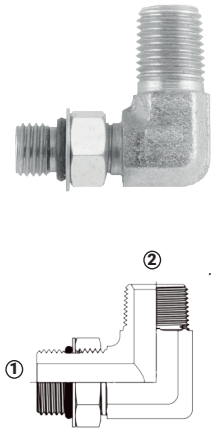


(1) Macho SAE O-Ring
(2) Hembra NPTF

| Rosca Macho ORB | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-------------------|---------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 6805-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 6805-4-4 | 5000 |
| 1/2"-20 | 1/8"-27 | 6805-5-2 | 5000 |
| 9/16"-18 | 1/4"-18 | 6805-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 6805-6-6 | 4000 |
| 3/4"-16 | 3/8"-18 | 6805-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 6805-8-8 | 3000 |
| 7/8"-14 | 3/8"-18 | 6805-10-6 | 3500 |
| 7/8"-14 | 1/2"-14 | 6805-10-8 | 3000 |
| 1 1/16"-12 | 1/2"-14 | 6805-12-8 | 3500 |
| 1 1/16"-12 | 3/4"-14 | 6805-12-12 | 2500 |
| 1 3/16"-12 | 3/4"-14 | 6805-14-12 | 2500 |
| 1 5/16"-12 | 1" - 11 1/2 | 6805-16-16 | 2000 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 6805-20-20 | 1150 |
| 1 7/8"-12 | 1 1/2" - 11 1/2 | 6805-24-24 | 1000 |
| 2 1/2"-12 | 2" - 11 1/2 | 6805-32-32 | 1000 |

Serie 6806 - Codo 90° Macho SAE O-Ring x Macho NPTF

G SAE O-Ring Boss

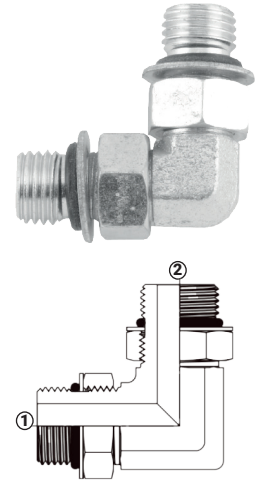


(1) Macho SAE O-Ring
(2) Macho NPTF

| Rosca Macho ORB | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------------|---------------------------------------|------|
| 7/16"-20 | 1/8"-27 | 6806-4-2 | 5000 |
| 7/16"-20 | 1/4"-18 | 6806-4-4 | 5000 |
| 9/16"-18 | 1/4"-18 | 6806-6-4 | 5000 |
| 9/16"-18 | 3/8"-18 | 6806-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | 6806-6-8 | 3000 |
| 3/4"-16 | 3/8"-18 | 6806-8-6 | 4000 |
| 3/4"-16 | 1/2"-14 | 6806-8-8 | 3000 |
| 7/8"-14 | 1/2"-14 | 6806-10-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | 6806-12-12 | 2500 |
| 1 1/16"-12 | 1" - 11 1/2 | 6806-12-16 | 2000 |
| 1 3/16"-12 | 3/4"-14 | 6806-14-12 | 2500 |
| 1 5/16"-12 | 1" - 11 1/2 | 6806-16-16 | 2000 |
| 1 5/16"-12 | 1 1/4" - 11 1/2 | 6806-16-20 | 1150 |
| 1 5/8"-12 | 1 1/4" - 11 1/2 | 6806-20-20 | 1150 |
| 1 5/8"-12 | 1 1/2" - 11 1/2 | 6806-20-24 | 1000 |
| 1 7/8"-12 | 1 1/2" - 11 1/2 | 6806-24-24 | 1000 |

Serie 6807 - Codo 90° Macho SAE O-Ring

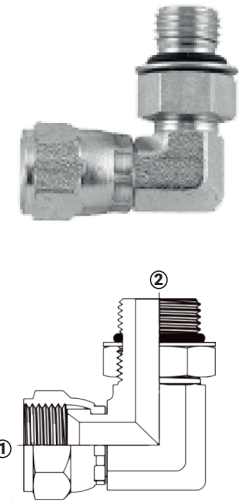
| Rosca Macho ORB | Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------|---------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 6807-4-4 | 5000 |
| 9/16"-18 | 9/16"-18 | 6807-6-6 | 5000 |
| 3/4"-16 | 9/16"-18 | 6807-8-6 | 4500 |
| 3/4"-16 | 3/4"-16 | 6807-8-8 | 4500 |
| 7/8"-14 | 7/8"-14 | 6807-10-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 6807-12-12 | 3500 |
| 1 5/16"-12 | 1 5/16"-12 | 6807-16-16 | 3000 |
| 1 5/8"-12 | 1 5/8"-12 | 6807-20-20 | 2500 |
| 1 7/8"-12 | 1 7/8"-12 | 6807-24-24 | 2000 |



(1) Macho SAE O-Ring
(2) Macho SAE O-Ring

Serie 6809 - Codo 90° Hembra JIC 37° Giratoria x Macho SAE O-Ring

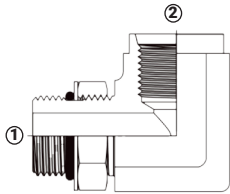
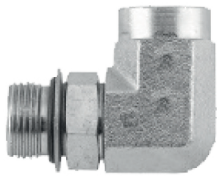
| Rosca Hembra JIC Giratoria | Rosca Macho ORB | Acero al Carbón Zincado # de Parte | PSI |
|-------------------------------|-----------------|---------------------------------------|------|
| 7/16"-20 | 7/16"-20 | 6809-4-4 | 5000 |
| 9/16"-18 | 7/16"-20 | 6809-6-4 | 5000 |
| 9/16"-18 | 9/16"-18 | 6809-6-6 | 5000 |
| 9/16"-18 | 3/4"-16 | 6809-6-8 | 4500 |
| 3/4"-16 | 9/16"-18 | 6809-8-6 | 4500 |
| 3/4"-16 | 3/4"-16 | 6809-8-8 | 4500 |
| 7/8"-14 | 3/4"-16 | 6809-10-8 | 3500 |
| 7/8"-14 | 7/8"-14 | 6809-10-10 | 3500 |
| 1 1/16"-12 | 7/8"-14 | 6809-12-10 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 6809-12-12 | 3500 |
| 1 5/16"-12 | 1 5/16"-12 | 6809-16-16 | 3000 |
| 1 5/8"-12 | 1 5/8"-12 | 6809-20-20 | 2500 |



(1) Hembra JIC Giratoria
(2) Macho SAE O-Ring

SAE O-Ring
Boss

Serie 6815 - Codo 90° Macho SAE O-Ring x Hembra SAE O-Ring



(1) Macho SAE O-Ring
(2) Hembra SAE O-Ring

| Rosca Macho ORB | Rosca Hembra ORB | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------------|---------------------------------------|------|
| 7/16"-20 | 5/16"-24 | 6815-4-2 | 5000 |
| 7/16"-20 | 7/16"-20 | 6815-4-4 | 5000 |
| 1/2"-20 | 5/16"-24 | 6815-5-2 | 5000 |
| 9/16"-18 | 7/16"-20 | 6815-6-4 | 5000 |
| 9/16"-18 | 9/16"-18 | 6815-6-6 | 5000 |
| 3/4"-16 | 9/16"-18 | 6815-8-6 | 4500 |
| 3/4"-16 | 3/4"-16 | 6815-8-8 | 4500 |
| 7/8"-14 | 9/16"-18 | 6815-10-6 | 3500 |
| 7/8"-14 | 3/4"-16 | 6815-10-8 | 3500 |
| 1 1/16"-12 | 3/4"-16 | 6815-12-8 | 3500 |
| 1 1/16"-12 | 1 1/16"-12 | 6815-12-12 | 3500 |
| 1 3/16"-12 | 1 1/16"-12 | 6815-14-12 | 3000 |
| 1 5/16"-12 | 1 5/16"-12 | 6815-16-16 | 3000 |
| 1 5/8"-12 | 1 5/8"-12 | 6815-20-20 | 2500 |
| 1 7/8"-12 | 1 7/8"-12 | 6815-24-24 | 2000 |
| 2 1/2"-12 | 2 1/2"-12 | 6815-32-32 | 1500 |

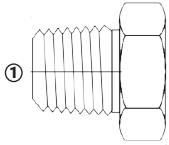
Rosca Británica

| Serie..... | Página | Configuración |
|-------------------|---------------|---|
| B3508 | 88 | Serie B3508 - Tapón Hex. BSPT |
| B3800 | 88 - 89 | Serie B3800 - Macho JIC x Macho BSPP |
| B3801 | 89 | Serie B3801 - Codo 90° Macho JIC x Macho BSPP |
| B3802 | 89 | Serie B3802 - Codo 45° Macho JIC x Macho BSPP |
| B3401 | 90 | Serie B3401 - Macho NPTF x Macho BSPP |
| B3402 | 91 | Serie B3402 - Macho BSPP x Hembra JIC Giratoria |
| B3404 | 91 | Serie B3404 - Macho JIC x Macho BSPT |
| B3405 | 92 | Serie B3405 - Macho JIC x Hembra BSPP |
| B3406 | 92 | Serie B3406 - Tapa BSPP |
| B3408 | 92 | Serie B3408 - Tapón Hex. Macho BSPP |
| B3408HHPP | 92 | Serie B3408HHPP - Tapón Hex. Hueco Macho BSPP |
| B3455 | 93 | Serie B3455 - Hembra NPTF x Macho BSPP |
| B3501 | 93 | Serie B3501 - Codo 90° Macho JIC x Macho BSPT |
| B3504 | 94 | Serie B3504 - Macho JIC x Hembra BSPP Giratoria |
| B3505 | 94 | Serie B3505 - Macho BSPP x Hembra BSPP Giratoria |
| B3506 | 94 | Serie B3506 - Codo 90° Hembra BSPP Giratoria x Hembra JIC Giratoria |
| B3800HS | 95 | Serie B3800HS - Macho JIC x Macho BSPP Asiento Endurecido |
| BDS | 95 | Serie BDS - Sello Dowty para Rosca Británica |

Valores de Torque/Apriete

| BSP | Extremos NPTF (pies/libras) | Uniones (pies/libras) | FLATS |
|-----|-----------------------------|-----------------------|---------|
| -2 | 12 | 13 | 1-1.75 |
| -4 | 25 | 20 | 1-1.75 |
| -6 | 40 | 25 | 1-1.75 |
| -8 | 54 | 47 | .75-1.5 |
| -12 | 78 | 84 | .75-1.5 |
| -16 | 112 | 129 | .75-1.5 |
| -20 | 154 | 152 | .75-1.5 |
| -24 | 211 | 152 | .75-1.5 |
| -32 | 300 | 300 | .75-1.5 |

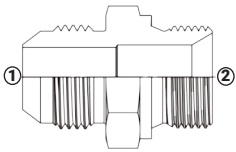
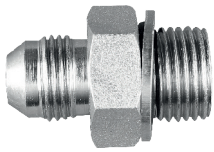
Serie B3508 - Tapón Hex. BSPT



(1) Macho BSPT

| Rosca Macho BSPT | Acero al Carbón Zincado # de Parte | PSI |
|------------------|---------------------------------------|------|
| 1/8"-18 | B3508-2 | 5000 |
| 1/4"-19 | B3508-4 | 4000 |
| 3/8"-19 | B3508-6 | 3000 |
| 1/2"-14 | B3508-8 | 3000 |
| 3/4"-14 | B3508-12 | 2500 |
| 1"-11 | B3508-16 | 2500 |

Serie B3800 - Macho JIC 37° x Macho BSPP



(1) Macho JIC
(2) Macho BSPP

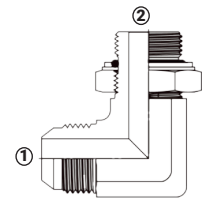
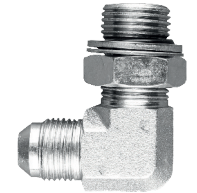
| Rosca Macho JIC | Rosca BSPP | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------|---------------------------------------|------|
| 7/16"-20 | 1/8"-18 | B3800-4-2 | 5000 |
| 7/16"-20 | 1/4"-19 | B3800-4-4 | 4000 |
| 7/16"-20 | 3/8"-19 | B3800-4-6 | 3000 |
| 7/16"-20 | 1/2"-14 | B3800-4-8 | 3000 |
| 1/2"-20 | 1/8"-18 | B3800-5-2 | 5000 |
| 1/2"-20 | 1/4"-19 | B3800-5-4 | 4000 |
| 1/2"-20 | 3/8"-19 | B3800-5-6 | 3000 |
| 1/2"-20 | 1/2"-14 | B3800-5-8 | 3000 |
| 9/16"-18 | 1/8"-18 | B3800-6-2 | 5000 |
| 9/16"-18 | 1/4"-19 | B3800-6-4 | 4000 |
| 9/16"-18 | 3/8"-19 | B3800-6-6 | 3000 |
| 9/16"-18 | 1/2"-14 | B3800-6-8 | 3000 |
| 3/4"-16 | 1/4"-19 | B3800-8-4 | 4000 |
| 3/4"-16 | 3/8"-19 | B3800-8-6 | 3000 |
| 3/4"-16 | 1/2"-14 | B3800-8-8 | 3000 |
| 3/4"-16 | 5/8"-14 | B3800-8-10 | 2500 |
| 3/4"-16 | 3/4"-14 | B3800-8-12 | 2500 |
| 7/8"-14 | 3/8"-19 | B3800-10-6 | 3000 |
| 7/8"-14 | 1/2"-14 | B3800-10-8 | 3000 |
| 7/8"-14 | 5/8"-14 | B3800-10-10 | 2500 |
| 7/8"-14 | 3/4"-14 | B3800-10-12 | 2500 |
| 7/8"-14 | 1"-11 | B3800-10-16 | 2500 |
| 1 1/16"-12 | 1/2"-14 | B3800-12-8 | 3000 |
| 1 1/16"-12 | 5/8"-14 | B3800-12-10 | 2500 |
| 1 1/16"-12 | 3/4"-14 | B3800-12-12 | 2500 |
| 1 1/16"-12 | 1"-11 | B3800-12-16 | 2500 |
| 1 3/16"-12 | 3/4"-14 | B3800-14-12 | 2500 |
| 1 3/16"-12 | 1"-11 | B3800-14-16 | 2500 |
| 1 5/16"-12 | 3/4"-14 | B3800-16-12 | 2500 |
| 1 5/16"-12 | 1"-11 | B3800-16-16 | 2500 |
| 1 5/16"-12 | 1 1/4"-11 | B3800-16-20 | 1150 |
| 1 5/16"-12 | 1 1/2"-11 | B3800-16-24 | 1000 |
| 1 5/8"-12 | 1"-11 | B3800-20-16 | 2500 |

Serie B3800 - Macho JIC 37° x Macho BSPP (Continuación)

| Rosca Macho JIC | Rosca BSPP | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------|---------------------------------------|------|
| 1 5/8"-12 | 1 1/4"-11 | B3800-20-20 | 1150 |
| 1 5/8"-12 | 1 1/2"-11 | B3800-20-24 | 1000 |
| 1 7/8"-12 | 1 1/4"-11 | B3800-24-20 | 1150 |
| 1 7/8"-12 | 1 1/2"-11 | B3800-24-24 | 1000 |
| 2 1/2"-12 | 2"-11 | B3800-32-32 | 1000 |

Serie B3801 - Codo 90° Macho JIC 37° x Macho BSPP

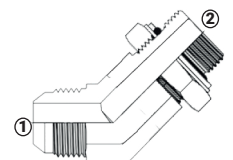
| Rosca Macho JIC | Rosca BSPP | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------|---------------------------------------|------|
| 7/16"-20 | 1/8"-18 | B3801-4-2 | 5000 |
| 7/16"-20 | 1/4"-19 | B3801-4-4 | 4000 |
| 1/2"-20 | 1/8"-18 | B3801-5-2 | 5000 |
| 1/2"-20 | 1/4"-19 | B3801-5-4 | 4000 |
| 9/16"-18 | 1/4"-19 | B3801-6-4 | 4000 |
| 9/16"-18 | 3/8"-19 | B3801-6-6 | 3000 |
| 9/16"-18 | 1/2"-14 | B3801-6-8 | 3000 |
| 3/4"-16 | 1/4"-19 | B3801-8-4 | 4000 |
| 3/4"-16 | 3/8"-19 | B3801-8-6 | 3000 |
| 3/4"-16 | 1/2"-14 | B3801-8-8 | 3000 |
| 3/4"-16 | 3/4"-14 | B3801-8-12 | 2500 |
| 7/8"-14 | 1/2"-14 | B3801-10-8 | 3000 |
| 7/8"-14 | 3/4"-14 | B3801-10-12 | 2500 |
| 1 1/16"-12 | 1/2"-14 | B3801-12-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | B3801-12-12 | 2500 |
| 1 1/16"-12 | 1"-11 | B3801-12-16 | 2500 |
| 1 5/16"-12 | 3/4"-14 | B3801-16-12 | 2500 |
| 1 5/16"-12 | 1"-11 | B3801-16-16 | 2500 |
| 1 5/16"-12 | 1 1/4"-11 | B3801-16-20 | 1150 |
| 1 5/8"-12 | 1"-11 | B3801-20-16 | 2500 |
| 1 5/8"-12 | 1 1/4"-11 | B3801-20-20 | 1150 |
| 1 7/8"-12 | 1 1/2"-11 | B3801-24-24 | 1000 |



(1) Macho JIC
(2) Macho BSPP

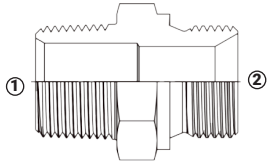
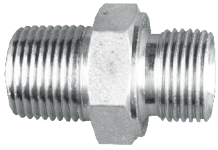
Serie B3802 - Codo 45° Macho JIC 37° x Macho BSPP

| Rosca Macho JIC | Rosca BSPP | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------|---------------------------------------|------|
| 7/16"-20 | 1/4"-19 | B3802-4-4 | 4000 |
| 9/16"-18 | 1/4"-19 | B3802-6-4 | 4000 |
| 9/16"-18 | 3/8"-19 | B3802-6-6 | 3000 |
| 3/4"-16 | 3/8"-19 | B3802-8-6 | 3000 |
| 3/4"-16 | 1/2"-14 | B3802-8-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | B3802-12-12 | 2500 |
| 1 5/16"-12 | 1" - 11 | B3802-16-16 | 2500 |



(1) Macho JIC
(2) Macho BSPP

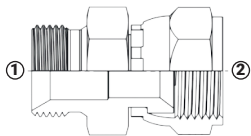
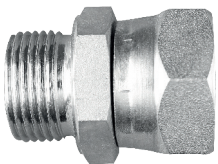
Serie B3401 - Macho NPTF x Macho BSPP



(1) Macho NPTF
(2) Macho BSPP

| Rosca Macho NPTF | Rosca Macho BSPP | Acero al Carbón Zincado # de Parte | PSI |
|------------------|------------------|---------------------------------------|------|
| 1/4"-18 | 1/4"-19 | B3401-4-4 | 4000 |
| 3/8"-18 | 1/4"-19 | B3401-6-4 | 4000 |
| 3/8"-18 | 3/8"-19 | B3401-6-6 | 3000 |
| 1/2"-14 | 3/8"-19 | B3401-8-6 | 3000 |
| 1/2"-14 | 1/2"-14 | B3401-8-8 | 3000 |
| 3/4"-14 | 3/4"-14 | B3401-12-12 | 2500 |
| 1"-11 1/2 | 1"-11 | B3401-16-16 | 2500 |
| 1 1/4"-11 1/2 | 1 1/4"-11 | B3401-20-20 | 1150 |
| 1 1/2"-11 1/2 | 1 1/2"-11 | B3401-24-24 | 1000 |
| 2"-11 1/2 | 2"-11 | B3401-32-32 | 1000 |

Serie B3402 - Macho BSPP x Hembra JIC 37° Giratoria

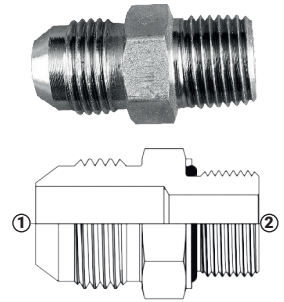


(1) Macho BSPP
(2) Hembra JIC Giratoria

| Rosca Macho BSPP | Rosca Hembra JIC Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|------------------|-------------------------------|---------------------------------------|------|
| 1/8"-18 | 7/16"-20 | B3402-2-4 | 4000 |
| 1/4"-19 | 7/16"-20 | B3402-4-4 | 4000 |
| 1/4"-19 | 9/16"-18 | B3402-4-6 | 3000 |
| 3/8"-19 | 7/16"-20 | B3402-6-4 | 4000 |
| 3/8"-19 | 9/16"-18 | B3402-6-6 | 3000 |
| 3/8"-19 | 3/4"-16 | B3402-6-8 | 3000 |
| 1/2"-14 | 9/16"-18 | B3402-8-6 | 3000 |
| 1/2"-14 | 3/4"-16 | B3402-8-8 | 3000 |
| 5/8"-14 | 3/4"-16 | B3402-10-8 | 3000 |
| 5/8"-14 | 7/8"-14 | B3402-10-10 | 3000 |
| 3/4"-14 | 1 1/16"-12 | B3402-12-12 | 2500 |
| 3/4"-14 | 1 5/16"-12 | B3402-12-16 | 2000 |
| 1"-11 | 1 5/16"-12 | B3402-16-16 | 2000 |
| 1 1/4"-11 | 1 5/8"-12 | B3402-20-20 | 1150 |
| 1 1/2"-11 | 1 7/8"-12 | B3402-24-24 | 1000 |
| 2"-11 | 2 1/2"-12 | B3402-32-32 | 1000 |

Serie B3404 - Macho JIC 37° x Macho BSPT

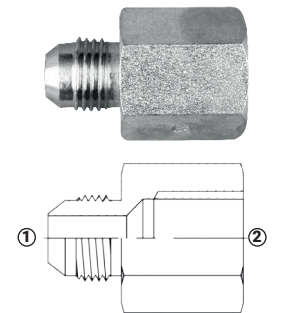
| Rosca Macho JIC | Rosca Macho BSPT | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------------|---------------------------------------|------|
| 7/16"-20 | 1/8"-18 | B3404-4-2 | 5000 |
| 7/16"-20 | 1/4"-19 | B3404-4-4 | 4000 |
| 7/16"-20 | 3/8"-19 | B3404-4-6 | 3000 |
| 1/2"-20 | 1/4"-19 | B3404-5-4 | 4000 |
| 9/16"-18 | 1/8"-18 | B3404-6-2 | 5000 |
| 9/16"-18 | 1/4"-19 | B3404-6-4 | 4000 |
| 9/16"-18 | 3/8"-19 | B3404-6-6 | 3000 |
| 9/16"-18 | 1/2"-14 | B3404-6-8 | 3000 |
| 3/4"-16 | 3/8"-19 | B3404-8-6 | 3000 |
| 3/4"-16 | 1/2"-14 | B3404-8-8 | 3000 |
| 7/8"-14 | 1/2"-14 | B3404-10-8 | 3000 |
| 7/8"-14 | 3/4"-14 | B3404-10-12 | 2500 |
| 1 1/16"-12 | 1/2"-14 | B3404-12-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | B3404-12-12 | 2500 |
| 1 1/16"-12 | 1"-11 | B3404-12-16 | 2500 |
| 1 5/16"-12 | 3/4"-14 | B3404-16-12 | 2500 |
| 1 5/16"-12 | 1"-11 | B3404-16-16 | 2500 |
| 1 5/8"-12 | 1 1/2"-11 | B3404-20-20 | 1150 |
| 1 7/8"-12 | 2"-11 | B3404-24-24 | 1000 |



(1) Macho JIC
(2) Macho BSPT

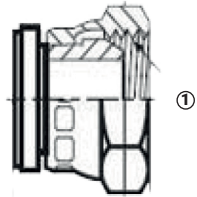
Serie B3405 - Macho JIC 37° x Hembra BSPP

| Rosca Macho JIC | Rosca Hembra BSPP | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-------------------|---------------------------------------|------|
| 7/16"-20 | 1/8"-18 | B3405-4-2 | 5000 |
| 7/16"-20 | 1/4"-19 | B3405-4-4 | 4000 |
| 1/2"-20 | 1/8"-18 | B3405-5-2 | 5000 |
| 9/16"-18 | 1/4"-19 | B3405-6-4 | 4000 |
| 9/16"-18 | 3/8"-19 | B3405-6-6 | 3000 |
| 3/4"-16 | 3/8"-19 | B3405-8-6 | 3000 |
| 3/4"-16 | 1/2"-14 | B3405-8-8 | 3000 |
| 7/8"-14 | 1/2"-14 | B3405-10-8 | 3000 |
| 1 1/16"-12 | 3/4"-14 | B3405-12-12 | 2500 |
| 1 5/16"-12 | 1"-11 | B3405-16-16 | 2500 |
| 1 5/8"-12 | 1 1/4"-11 | B3405-20-20 | 1150 |



(1) Macho JIC
(2) Hembra BSPP

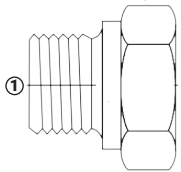
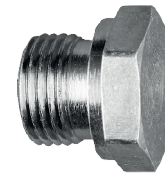
Serie B3406 - Tapa BSPP



(1) Hembra BSPP

| Rosca Hembra BSPP | Acero al Carbón Zincado # de Parte | PSI |
|-------------------|---------------------------------------|------|
| 1/8"-18 | B3406-2 | 5000 |
| 1/4"-19 | B3406-4 | 5000 |
| 3/8"-19 | B3406-6 | 4000 |
| 1/2"-14 | B3406-8 | 3500 |
| 5/8"-14 | B3406-10 | 2250 |
| 3/4"-14 | B3406-12 | 2250 |
| 1"-11 | B3406-16 | 2000 |
| 1 1/4"-11 | B3406-20 | 1625 |
| 1 1/2"-11 | B3406-24 | 1250 |
| 2"-11 | B3406-32 | 1125 |

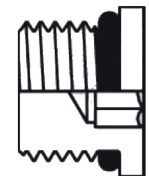
Serie B3408 - Tapón Hex. Macho BSPP



(1) Macho BSPP

| Rosca Macho BSPP | Acero al Carbón Zincado # de Parte | PSI |
|------------------|---------------------------------------|------|
| 1/8"-18 | B3408-2 | 5000 |
| 1/4"-19 | B3408-4 | 4000 |
| 3/8"-19 | B3408-6 | 3000 |
| 1/2"-14 | B3408-8 | 3000 |
| 5/8"-14 | B3408-10 | 3000 |
| 3/4"-14 | B3408-12 | 2500 |
| 1"-11 | B3408-16 | 2500 |
| 1 1/4"-11 | B3408-20 | 1150 |
| 1 1/2"-11 | B3408-24 | 1000 |

Serie B3408HHP - Tapón Hex. Hueco Macho BSPP

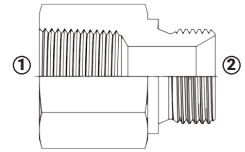
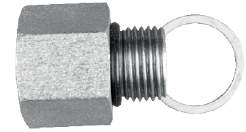


(1) Macho BSPP

| Rosca Macho BSPP | Acero al Carbón Zincado # de Parte | PSI |
|------------------|---------------------------------------|------|
| 1/8"-18 | B3408HHP-2 | 5000 |
| 1/4"-19 | B3408HHP-4 | 5000 |
| 3/8"-19 | B3408HHP-6 | 4000 |
| 1/2"-14 | B3408HHP-8 | 3500 |
| 3/4"-14 | B3408HHP-12 | 2250 |
| 1"-11 | B3408HHP-16 | 2000 |

Serie B3455 - Hembra NPTF x Macho BSPP

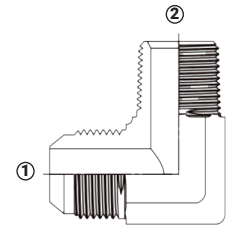
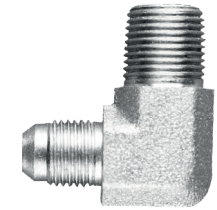
| Rosca Hembra NPTF | Rosca Macho BSPP | Acero al Carbón Zincado # de Parte | PSI |
|-------------------|------------------|---------------------------------------|------|
| 1/8"-27 | 1/8"-18 | B3455-2-2 | 5000 |
| 1/4"-18 | 1/8"-18 | B3455-4-2 | 5000 |
| 1/4"-18 | 1/4"-19 | B3455-4-4 | 4000 |
| 1/4"-18 | 3/8"-19 | B3455-4-6 | 3000 |
| 3/8"-18 | 1/4"-19 | B3455-6-4 | 4000 |
| 3/8"-18 | 3/8"-19 | B3455-6-6 | 3000 |
| 1/2"-14 | 1/2"-14 | B3455-8-8 | 3000 |
| 3/4"-14 | 3/4"-14 | B3455-12-12 | 2500 |
| 1"-11 1/2 | 1"-11 | B3455-16-16 | 2000 |
| 1 1/4"-11 1/2 | 1 1/4"-11 | B3455-20-20 | 1150 |
| 1 1/2"-11 1/2 | 1 1/2"-11 | B3455-24-24 | 1000 |



(1) Hembra NPTF
(2) Macho BSPP

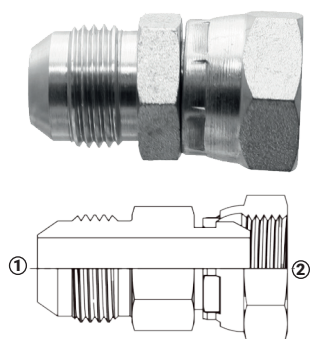
Serie B3501 - Codo 90° Macho JIC 37° x Macho BSPT

| Rosca Macho JIC | Rosca Macho BSPT | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------------|---------------------------------------|------|
| 7/16"-20 | 1/8"-18 | B3501-4-2 | 5000 |
| 7/16"-20 | 1/4"-19 | B3501-4-4 | 4000 |
| 9/16"-18 | 1/4"-19 | B3501-6-4 | 4000 |
| 9/16"-18 | 3/8"-19 | B3501-6-6 | 3000 |
| 9/16"-18 | 1/2"-14 | B3501-6-8 | 3000 |
| 3/4"-16 | 3/8"-19 | B3501-8-6 | 3000 |
| 3/4"-16 | 1/2"-14 | B3501-8-8 | 3000 |
| 7/8"-14 | 1/2"-14 | B3501-10-8 | 3000 |
| 1 1/16"-12 | 1/2"-14 | B3501-12-08 | 3000 |
| 1 1/16"-12 | 3/4"-14 | B3501-12-12 | 2500 |
| 1 5/16"-12 | 1"-11 | B3501-16-16 | 2500 |
| 1 5/8"-12 | 1 1/4"-11 | B3501-20-20 | 1150 |



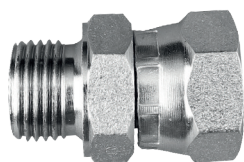
(1) Macho JIC
(2) Macho BSPT

Serie B3504 - Macho JIC 37° x Hembra BSPP Giratoria



(1) Macho JIC
(2) Hembra BSPP Giratoria

| Rosca Macho JIC | Rosca Hembra BSPP Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|-----------------------------|------------------------------------|------|
| 7/16"-20 | 1/8"-18 | B3504-4-2 | 5000 |
| 7/16"-20 | 1/4"-19 | B3504-4-4 | 4000 |
| 9/16"-18 | 1/4"-19 | B3504-6-4 | 4000 |
| 9/16"-18 | 3/8"-19 | B3504-6-6 | 3000 |
| 9/16"-18 | 1/2"-14 | B3504-6-8 | 3000 |
| 3/4"-16 | 3/8"-19 | B3504-8-6 | 3000 |
| 3/4"-16 | 1/2"-14 | B3504-8-8 | 3000 |
| 3/4"-16 | 5/8"-14 | B3504-8-10 | 2500 |
| 7/8"-14 | 1/2"-14 | B3504-10-8 | 3000 |
| 7/8"-14 | 5/8"-14 | B3504-10-10 | 2500 |
| 1 1/16"-12 | 3/4"-14 | B3504-12-12 | 2500 |
| 1 1/16"-12 | 1"-11 | B3504-12-16 | 2500 |
| 1 5/16"-12 | 1"-11 | B3504-16-16 | 2500 |
| 1 5/8"-12 | 1 1/4"-11 | B3504-20-20 | 1150 |

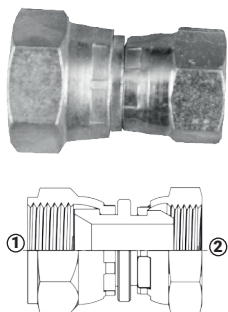


(1) Macho BSPP
(2) Hembra BSPP Giratoria

Serie B3505 - Macho BSPP x Hembra BSPP Giratoria

| Rosca Macho BSPP | Rosca Hembra BSPP | Acero al Carbón Zincado # de Parte | PSI |
|------------------|-------------------|------------------------------------|------|
| 1/4"-19 | 1/4"-19 | B3505-4-4 | 4000 |
| 3/8"-19 | 3/8"-19 | B3505-6-6 | 3000 |
| 1/2"-14 | 1/2"-14 | B3505-8-8 | 3000 |
| 3/4"-14 | 3/4"-14 | B3505-12-12 | 2500 |
| 1"-11 | 1"-11 | B3505-16-16 | 2500 |

Serie B3506 - Codo 90° Hembra BSPP Giratoria x Hembra JIC 37° Giratoria

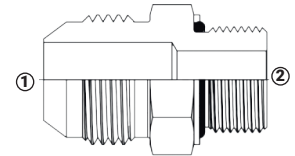
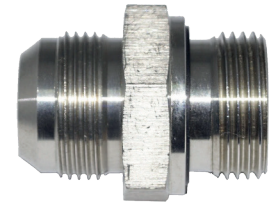


(1) Hembra BSPP Giratoria
(2) Hembra JIC Giratoria

| Rosca Hembra BSPP Giratoria | Rosca Hembra JIC Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|-----------------------------|----------------------------|------------------------------------|------|
| 1/4"-19 | 7/16"-20 | B3506-4-4 | 4000 |
| 3/8"-19 | 9/16"-18 | B3506-6-6 | 3000 |
| 1/2"-14 | 3/4"-16 | B3506-8-8 | 3000 |
| 3/4"-14 | 1 1/16"-12 | B3506-12-12 | 2500 |
| 1"-11 | 1 5/16"-12 | B3506-16-16 | 2500 |

Serie B3800HS - Macho JIC 37° x Macho BSPP Asiento Endurecido

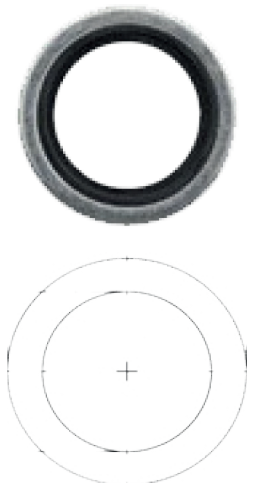
| Rosca Macho JIC | Rosca Macho BSPP | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|------------------|---------------------------------------|------|
| 7/16"-20 | 1/8"-18 | B3800HS-4-2 | 5000 |
| 7/16"-20 | 1/4"-19 | B3800HS-4-4 | 5000 |
| 7/16"-20 | 1/2"-14 | B3800HS-4-8 | 3500 |
| 1/2"-20 | 1/4"-19 | B3800HS-5-4 | 5000 |
| 1/2"-20 | 3/8"-19 | B3800HS-5-6 | 4000 |
| 1/2"-20 | 1/2"-14 | B3800HS-5-8 | 3500 |
| 9/16"-18 | 1/4"-19 | B3800HS-6-4 | 5000 |
| 9/16"-18 | 3/8"-19 | B3800HS-6-6 | 4000 |
| 9/16"-18 | 1/2"-14 | B3800HS-6-8 | 3500 |
| 3/4"-16 | 3/8"-19 | B3800HS-8-6 | 3500 |
| 3/4"-16 | 1/2"-14 | B3800HS-8-8 | 3500 |
| 3/4"-16 | 3/4"-14 | B3800HS-8-12 | 2250 |
| 7/8"-14 | 1/2"-14 | B3800HS-10-8 | 3500 |
| 7/8"-14 | 5/8"-14 | B3800HS-10-10 | 2250 |
| 7/8"-14 | 3/4"-14 | B3800HS-10-12 | 2250 |
| 7/8"-14 | 1"-11 | B3800HS-10-16 | 2000 |
| 1 1/16"-12 | 3/8"-19 | B3800HS-12-6 | 3500 |
| 1 3/16"-12 | 3/4"-14 | B3800HS-14-12 | 2250 |
| 1 5/16"-12 | 1"-11 | B3800HS-16-16 | 2000 |



(1) Macho JIC
(2) Macho BSPP

Serie BDS - Sello Dowty para Rosca Británica

| Rosca Macho BSPP | Acero al Carbón Zincado # de Parte |
|------------------|---------------------------------------|
| 1/8"-18 | BDS02 |
| 1/4"-19 | BDS04 |
| 3/8"-19 | BDS06 |
| 1/2"-14 | BDS08 |
| 5/8"-14 | BDS10 |
| 3/4"-14 | BDS12 |
| 1"-11 | BDS16 |
| 1 1/4"-11 | BDS20 |
| 1 1/2"-11 | BDS24 |
| 2"-11 | BDS32 |



Británica

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Rosca Métrica

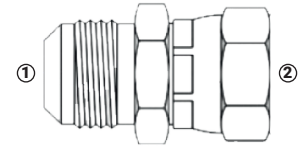
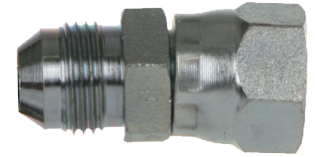
| Serie.....Página | Configuración |
|-------------------------|--|
| M350497 | Serie M3504 - Macho JIC x Hembra Métrica Giratoria |
| M740097 - 98 | Serie M7400 - Macho JIC x Macho Métrico |
| M740898 | Serie M7408 - Tapón Hex. Métrico |
| M745599 | Serie M7455 - Hembra NPTF x Macho Métrico |
| M780199 | Serie M7801 - Codo 90° Macho JIC x Macho Métrico |
| DM98 | DM - Sello Dowty para Rosca Métrica |

Valores de Torque/Apriete

| MM | Pies/Libras |
|-----|-------------|
| -10 | 10-20 |
| -12 | 10-20 |
| -14 | 20-35 |
| -16 | 25-40 |
| -18 | 30-45 |
| -20 | 35-50 |
| -22 | 40-70 |
| -24 | 40-70 |
| -26 | 60-100 |
| -27 | 80-120 |
| -30 | 80-120 |
| -33 | 80-120 |
| -36 | 100-150 |
| -42 | 150-220 |
| -48 | 180-250 |

Serie M3504 - Macho JIC 37° x Hembra Métrica Giratoria

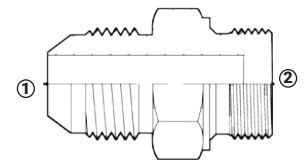
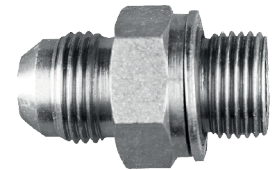
| Rosca Macho JIC | Rosca Hembra Métrica Giratoria | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|--------------------------------|------------------------------------|------|
| 9/16"-18 | M16X1.5 | M3504-6-16 | 3750 |
| 3/4"-16 | M18X1.5 | M3504-8-18 | 3750 |
| 3/4"-16 | M22X1.5 | M3504-8-22 | 3750 |
| 3/4"-16 | M24X1.5 | M3504-8-24 | 3750 |
| 1 1/16"-12 | M26X1.5 | M3504-12-26 | 2400 |
| 1 1/16"-12 | M20X1.5 | M3504-12-20 | 2400 |
| 1 5/16"-12 | M30X2.0 | M3504-16-30 | 2400 |
| 1 5/16"-12 | M42X2.0 | M3504-16-42 | 1500 |



(1) Macho JIC
(2) Hembra Métrica Giratoria

Serie M7400 - Macho JIC 37° x Macho Métrico

| Rosca Macho JIC | Rosca Macho Métrico | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|---------------------|------------------------------------|------|
| 7/16"-20 | M10X1.0 | M7400-4-10 | 1500 |
| 7/16"-20 | M12X1.5 | M7400-4-12 | 3750 |
| 7/16"-20 | M14X1.5 | M7400-4-14 | 3750 |
| 7/16"-20 | M18X1.5 | M7400-4-18 | 3750 |
| 1/2"-20 | M12X1.5 | M7400-5-12 | 3750 |
| 1/2"-20 | M14X1.5 | M7400-5-14 | 3750 |
| 9/16"-18 | M10X1.0 | M7400-6-10 | 1500 |
| 9/16"-18 | M12X1.5 | M7400-6-12 | 3750 |
| 9/16"-18 | M14X1.5 | M7400-6-14 | 3750 |
| 9/16"-18 | M16X1.5 | M7400-6-16 | 3750 |
| 9/16"-18 | M18X1.5 | M7400-6-18 | 3750 |
| 9/16"-18 | M20X1.5 | M7400-6-20 | 9450 |
| 3/4"-16 | M12X1.5 | M7400-8-12 | 3750 |
| 3/4"-16 | M14X1.5 | M7400-8-14 | 3750 |
| 3/4"-16 | M16X1.5 | M7400-8-16 | 3750 |
| 3/4"-16 | M18X1.5 | M7400-8-18 | 3750 |
| 3/4"-16 | M20X1.5 | M7400-8-20 | 3750 |
| 3/4"-16 | M22X1.5 | M7400-8-22 | 3750 |
| 7/8"-14 | M18X1.5 | M7400-10-18 | 3750 |
| 7/8"-14 | M20X1.5 | M7400-10-20 | 3750 |
| 7/8"-14 | M22X1.5 | M7400-10-22 | 3750 |
| 1 1/16"-12 | M18X1.5 | M7400-12-18 | 3750 |
| 1 1/16"-12 | M20X1.5 | M7400-12-20 | 3750 |

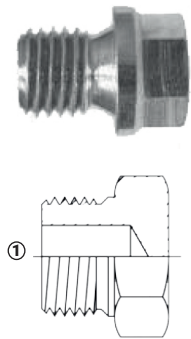


(1) Macho JIC
(2) Macho Métrico

Serie M7400 - Macho JIC 37° x Macho Métrico (Continuación)

| Rosca Macho JIC | Rosca Macho Métrico | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|---------------------|---------------------------------------|------|
| 1 1/16"-12 | M22X1.5 | M7400-12-22 | 3750 |
| 1 1/16"-12 | M24X1.5 | M7400-12-24 | 6000 |
| 1 1/16"-12 | M26X1.5 | M7400-12-26 | 2400 |
| 1 1/16"-12 | M27X2.0 | M7400-12-27 | 2400 |
| 1 5/16"-12 | M27X2.0 | M7400-16-27 | 2400 |
| 1 5/16"-12 | M33X2.0 | M7400-16-33 | 1500 |
| 1 5/8"-12 | M42X2.0 | M7400-20-42 | 1500 |
| 1 7/8"-12 | M48X2.0 | M7400-24-48 | 1500 |

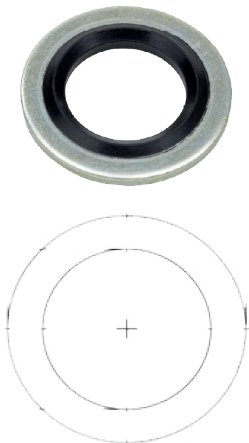
Serie M7408 - Tapón Hex. Métrico



(1) Macho Métrico

| Rosca Macho Métrico | Acero al Carbón Zincado # de Parte | PSI |
|---------------------|---------------------------------------|------|
| M10X1.0 | M7408-10 | 1500 |
| M12X1.5 | M7408-12 | 3750 |
| M14X1.5 | M7408-14 | 3750 |
| M16X1.5 | M7408-16 | 3750 |
| M18X1.5 | M7408-18 | 3750 |
| M20X1.5 | M7408-20 | 3750 |
| M22X1.5 | M7408-22 | 3750 |
| M24X1.5 | M7408-24 | 3750 |
| M26X1.5 | M7408-26 | 2400 |
| M27X2.0 | M7408-27 | 2400 |
| M30X2.0 | M7408-30 | 2400 |
| M33X2.0 | M7408-33 | 1500 |

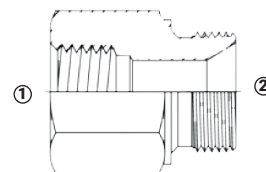
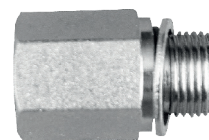
Serie MDS - Sello Dowty para Rosca Métrica



| Rosca Macho Métrico | Acero al Carbón Zincado # de Parte |
|---------------------|---------------------------------------|
| 8mm | MDS08 |
| 10mm | MDS10 |
| 12mm | MDS12 |
| 14mm | MDS14 |
| 16mm | MDS16 |
| 18mm | MDS18 |
| 20mm | MDS20 |
| 22mm | MDS22 |
| 24mm | MDS24 |
| 26mm | MDS26 |
| 27mm | MDS27 |
| 30mm | MDS30 |
| 33mm | MDS33 |
| 42mm | MDS42 |

Serie M7455 - Hembra NPTF x Macho Métrico

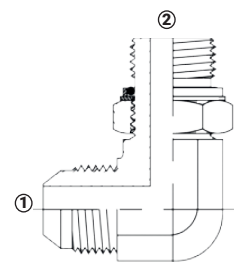
| Rosca Hembra NPTF | Rosca Macho Métrico | Acero al Carbón Zincado # de Parte | PSI |
|-------------------|---------------------|---------------------------------------|------|
| 1/8"-27 | M10X1.0 | M7455-2-10 | 1500 |
| 1/8"-27 | M12X1.5 | M7455-2-12 | 3750 |
| 1/8"-27 | M14X1.5 | M7455-2-14 | 3750 |
| 1/8"-27 | M16X1.5 | M7455-2-16 | 3750 |
| 1/4"-18 | M12X1.5 | M7455-4-12 | 3750 |
| 1/4"-18 | M14X1.5 | M7455-4-14 | 3750 |
| 1/4"-18 | M18X1.5 | M7455-4-18 | 3750 |
| 3/8"-18 | M12X1.5 | M7455-6-12 | 3750 |
| 3/8"-18 | M16X1.5 | M7455-6-16 | 3750 |
| 3/8"-18 | M18X1.5 | M7455-6-18 | 3750 |
| 3/8"-18 | M20X1.5 | M7455-6-20 | 3750 |
| 3/8"-18 | M22X1.5 | M7455-6-22 | 3750 |
| 1/2"-14 | M16X1.5 | M7455-8-16 | 3750 |
| 1/2"-14 | M18X1.5 | M7455-8-18 | 3750 |
| 1/2"-14 | M20X1.5 | M7455-8-20 | 3750 |
| 1/2"-14 | M22X1.5 | M7455-8-22 | 3750 |
| 1/2"-14 | M24X1.5 | M7455-8-24 | 3750 |
| 3/4"-14 | M24X1.5 | M7455-12-24 | 3750 |
| 3/4"-14 | M27X2.0 | M7455-12-27 | 2400 |
| 3/4"-14 | M33X2.0 | M7455-12-33 | 1500 |
| 1"- 11 1/2 | M33X2.0 | M7455-16-33 | 1500 |
| 1"- 11 1/2 | M42X2.0 | M7455-16-42 | 1500 |



(1) Hembra NPTF
(2) Macho Métrico

Serie M7801 - Codo 90° Macho JIC 37° x Macho Métrico

| Rosca Macho JIC | Rosca Macho Métrico | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|---------------------|---------------------------------------|------|
| 7/16"-20 | M10X1.0 | M7801-4-10 | 1500 |
| 7/16"-20 | M12X1.5 | M7801-4-12 | 3750 |
| 7/16"-20 | M14X1.5 | M7801-4-14 | 3750 |
| 1/2"-20 | M12X1.5 | M7801-5-12 | 3750 |
| 1/2"-20 | M14X1.5 | M7801-5-14 | 3750 |
| 9/16"-18 | M14X1.5 | M7801-6-14 | 3750 |
| 9/16"-18 | M16X1.5 | M7801-6-16 | 3750 |
| 9/16"-18 | M18X1.5 | M7801-6-18 | 3750 |
| 3/4"-16 | M16X1.5 | M7801-8-16 | 3750 |
| 3/4"-16 | M18X1.5 | M7801-8-18 | 3750 |
| 3/4"-16 | M22X1.5 | M7801-8-22 | 3750 |
| 7/8"-14 | M18X1.5 | M7801-10-18 | 3750 |
| 7/8"-14 | M20X1.5 | M7801-10-20 | 3750 |
| 7/8"-14 | M22X1.5 | M7801-10-22 | 3750 |
| 1 1/16"-12 | M22X1.5 | M7801-12-22 | 3750 |
| 1 1/16"-12 | M26X1.5 | M7801-12-26 | 2400 |
| 1 1/16"-12 | M27X2.0 | M7801-12-27 | 2400 |
| 1 5/16"-12 | M27X2.0 | M7801-16-27 | 2400 |
| 1 5/16"-12 | M33X2.0 | M7801-16-33 | 1500 |



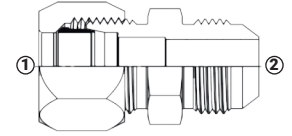
(1) Macho JIC
(2) Macho Métrico

Conexiones de Barril

| Serie..... | Página | Configuración |
|-------------------|---------------|--|
| FLC2402 | 101 | Serie FLC2402 - Tubing x Macho JIC |
| FLC2403 | 101 | Serie FLC2403 - Unión de Tubing |
| FLC2404 | 102 | Serie FLC2404 - Tubing x Macho NPTF |
| FLC2405 | 102 | Serie FLC2405 - Tubing x Rosca Hembra NPTF |
| FLC2500 | 103 | Serie FLC2500 - Codo 90° Unión de Tubing |
| FLC2501 | 103 | Serie FLC2501 - Codo 90° Tubing Macho x Macho NPTF |
| FLC2603..... | 104 | Serie FLC2603 - Tee Unión de Tubing |
| FLC0318..... | 104 | Serie FLC0318 - Tuerca |
| FLC0319..... | 104 | Serie FLC0319 - Férula |

Serie FLC2402 - Tubing x Macho JIC 37°

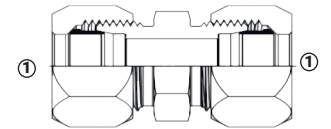
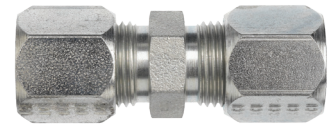
| D.E. Tubing | Rosca Macho JIC | Acero al Carbón Zincado # de Parte | PSI |
|-------------|-----------------|---------------------------------------|------|
| 1/4" | 7/16"-20 | FLC2402-04-04 | 5000 |
| 3/8" | 9/16"-18 | FLC2402-06-06 | 4000 |
| 1/2" | 3/4"-16 | FLC2402-08-08 | 3000 |
| 3/4" | 1 1/16"-12 | FLC2402-12-12 | 2500 |



(1) Tubing
(2) Macho JIC

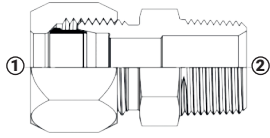
Serie FLC2403 - Unión de Tubing

| D.E. Tubing | D.E. Tubing | Acero al Carbón Zincado # de Parte | PSI |
|-------------|-------------|---------------------------------------|------|
| 1/8" | 1/8" | FLC2403-02 | 5000 |
| 3/16" | 3/16" | FLC2403-03 | 5000 |
| 1/4" | 1/4" | FLC2403-04 | 5000 |
| 5/16" | 5/16" | FLC2403-05 | 5000 |
| 3/8" | 3/8" | FLC2403-06 | 4000 |
| 1/2" | 1/2" | FLC2403-08 | 3000 |
| 5/8" | 5/8" | FLC2403-10 | 3000 |
| 3/4" | 3/4" | FLC2403-12 | 2500 |
| 1" | 1" | FLC2403-16 | 2000 |
| 1 1/4" | 1 1/4" | FLC2403-20 | 1150 |
| 1 1/2" | 1 1/2" | FLC2403-24 | 1000 |



(1) Tubing
(2) Tubing

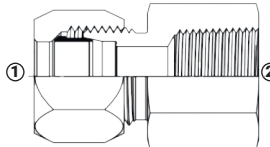
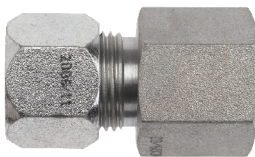
Serie FLC2404 - Tubing x Macho NPTF



(1) Tubing
(2) Macho NPTF

| D.E. Tubing | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-------------|------------------|------------------------------------|------|
| 1/4" | 1/8"-27 | FLC2404-02 | 5000 |
| 1/4" | 1/4"-18 | FLC2404-02-04 | 5000 |
| 3/16" | 1/8"-27 | FLC2404-03-02 | 5000 |
| 1/4" | 1/8"-27 | FLC2404-04-02 | 5000 |
| 1/4" | 1/4"-18 | FLC2404-04 | 5000 |
| 1/4" | 3/8"-18 | FLC2404-04-06 | 4000 |
| 1/4" | 1/2"-14 | FLC2404-04-08 | 3000 |
| 5/16" | 1/8"-27 | FLC2404-05-02 | 5000 |
| 5/16" | 1/4"-18 | FLC2404-05-04 | 5000 |
| 3/8" | 1/8"-27 | FLC2404-06-02 | 5000 |
| 3/8" | 1/4"-18 | FLC2404-06-04 | 5000 |
| 3/8" | 3/8"-18 | FLC2404-06 | 4000 |
| 3/8" | 1/2"-14 | FLC2404-06-08 | 3000 |
| 1/2" | 1/4"-18 | FLC2404-08-04 | 3000 |
| 1/2" | 3/8"-18 | FLC2404-08-06 | 3000 |
| 1/2" | 1/2"-14 | FLC2404-08 | 3000 |
| 1/2" | 3/4"-14 | FLC2404-08-12 | 2500 |
| 5/8" | 3/8"-18 | FLC2404-10-06 | 4000 |
| 5/8" | 1/2"-14 | FLC2404-10-08 | 3000 |
| 5/8" | 3/4"-14 | FLC2404-10-12 | 2500 |
| 3/4" | 1/2"-14 | FLC2404-12-08 | 2500 |
| 3/4" | 3/4"-14 | FLC2404-12 | 2500 |
| 3/4" | 1"- 11 1/2 | FLC2404-12-16 | 2000 |
| 1" | 3/4"-14 | FLC2404-16-12 | 2000 |
| 1" | 1"- 11 1/2 | FLC2404-16 | 2000 |
| 1" | 1 1/4" - 11 1/2 | FLC2404-16-20 | 1150 |
| 1 1/4" | 3/4"-14 | FLC2404-20-12 | 1150 |
| 1 1/4" | 1 1/4" - 11 1/2 | FLC2404-20 | 1150 |
| 1 1/2" | 1 1/2" - 11 1/2 | FLC2404-24 | 1000 |

Serie FLC2405 - Tubing x Rosca Hembra NPTF

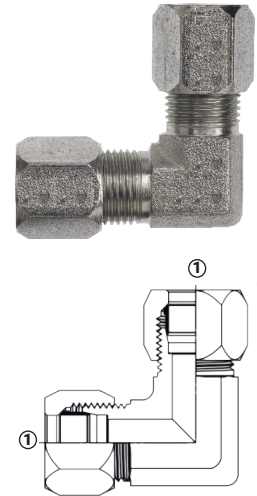


(1) Tubing
(2) Hembra NPTF

| D.E. Tubing | Rosca Hembra NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-------------|-------------------|------------------------------------|------|
| 1/8" | 1/8"-27 | FLC2405-02 | 5000 |
| 1/4" | 1/8"-27 | FLC2405-04-02 | 5000 |
| 1/4" | 1/4"-18 | FLC2405-04 | 5000 |
| 5/16" | 1/8"-27 | FLC2405-05-02 | 5000 |
| 3/8" | 1/4"-18 | FLC2405-06-04 | 4000 |
| 3/8" | 3/8"-18 | FLC2405-06 | 4000 |
| 1/2" | 1/4"-18 | FLC2405-08-04 | 3000 |
| 1/2" | 3/8"-18 | FLC2405-08-06 | 3000 |
| 1/2" | 1/2"-14 | FLC2405-08 | 3000 |
| 5/8" | 1/2"-14 | FLC2405-10-08 | 3000 |
| 3/4" | 3/4"-14 | FLC2405-12 | 2500 |
| 1" | 1"- 11 1/2 | FLC2405-16 | 2000 |
| 1 1/4" | 1 1/4" - 11 1/2 | FLC2405-20 | 1150 |

Serie FLC2500 - Codo 90° Unión de Tubing

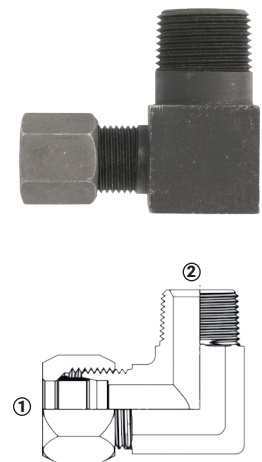
| D.E. Tubing (2) | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|---------------------------------------|------|
| 1/4" | FLC2500-04 | 5000 |
| 5/16" | FLC2500-05 | 5000 |
| 3/8" | FLC2500-06 | 4000 |
| 1/2" | FLC2500-08 | 3000 |
| 5/8" | FLC2500-10 | 3000 |
| 3/4" | FLC2500-12 | 2500 |
| 1" | FLC2500-16 | 2000 |
| 1 1/4" | FLC2500-20 | 1150 |



(1) Tubing
(2) Tubing

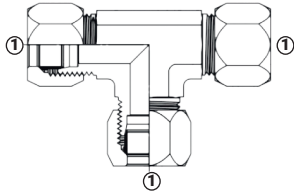
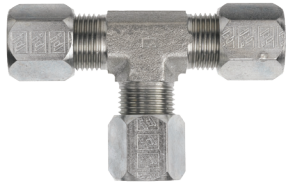
Serie FLC2501 - Codo 90° Tubing Macho x Macho NPTF

| D.E. Tubing | Rosca Macho NPTF | Acero al Carbón Zincado # de Parte | PSI |
|-------------|------------------|---------------------------------------|------|
| 1/8" | 1/8"-27 | FLC2501-02 | 5000 |
| 3/16" | 1/8"-27 | FLC2501-03-02 | 5000 |
| 1/4" | 1/8"-27 | FLC2501-04-02 | 5000 |
| 1/4" | 1/4"-18 | FLC2501-04 | 5000 |
| 1/4" | 3/8"-18 | FLC2501-04-06 | 4000 |
| 5/16" | 1/8"-27 | FLC2501-05-02 | 5000 |
| 5/16" | 1/4"-18 | FLC2501-05-04 | 5000 |
| 3/8" | 1/8"-27 | FLC2501-06-02 | 4000 |
| 3/8" | 1/4"-18 | FLC2501-06-04 | 4000 |
| 3/8" | 3/8"-18 | FLC2501-06 | 4000 |
| 3/8" | 1/2"-14 | FLC2501-06-08 | 3000 |
| 1/2" | 1/4"-18 | FLC2501-08-04 | 3000 |
| 1/2" | 3/8"-18 | FLC2501-08-06 | 3000 |
| 1/2" | 1/2"-14 | FLC2501-08 | 3000 |
| 1/2" | 3/4"-14 | FLC2501-08-12 | 2500 |
| 5/8" | 3/8"-18 | FLC2501-10-06 | 3000 |
| 5/8" | 1/2"-14 | FLC2501-10-08 | 3000 |
| 3/4" | 1/2"-14 | FLC2501-12-08 | 2500 |
| 3/4" | 3/4"-14 | FLC2501-12 | 2500 |
| 1" | 3/4"-14 | FLC2501-16-12 | 2000 |
| 1" | 1" - 11 1/2 | FLC2501-16 | 2000 |
| 1 1/4" | 1 1/4" - 11 1/2 | FLC2501-20 | 1150 |
| 1 1/2" | 1 1/2" - 11 1/2 | FLC2501-24 | 1000 |



(1) Tubing Macho
(2) Macho NPTF

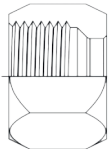
Serie FLC2603 - Tee Unión de Tubing



- (1) Tubing
- (2) Tubing
- (3) Tubing

| D.E. Tubing (3) | Acero al Carbón Zincado # de Parte | PSI |
|-----------------|---------------------------------------|------|
| 1/8" | FLC2603-02 | 5000 |
| 3/16" | FLC2603-03 | 5000 |
| 1/4" | FLC2603-04 | 5000 |
| 5/16" | FLC2603-05 | 5000 |
| 3/8" | FLC2603-06 | 4000 |
| 1/2" | FLC2603-08 | 3000 |
| 5/8" | FLC2603-10 | 3000 |
| 3/4" | FLC2603-12 | 2500 |
| 1" | FLC2603-16 | 2000 |
| 1 1/4" | FLC2603-20 | 1150 |

Serie FLC0318 - Tuerca



| D.E. Tubing | Acero al Carbón Zincado # de Parte | PSI |
|-------------|---------------------------------------|------|
| 1/8" | FLC0318-02 | 5000 |
| 3/16" | FLC0318-03 | 5000 |
| 1/4" | FLC0318-04 | 5000 |
| 5/16" | FLC0318-05 | 5000 |
| 3/8" | FLC0318-06 | 4000 |
| 1/2" | FLC0318-08 | 3000 |
| 5/8" | FLC0318-10 | 3000 |
| 3/4" | FLC0318-12 | 2500 |
| 1" | FLC0318-16 | 2000 |
| 1 1/4" | FLC0318-20 | 1150 |
| 1 1/2" | FLC0318-24 | 1000 |

Serie FLC0319 - Férula

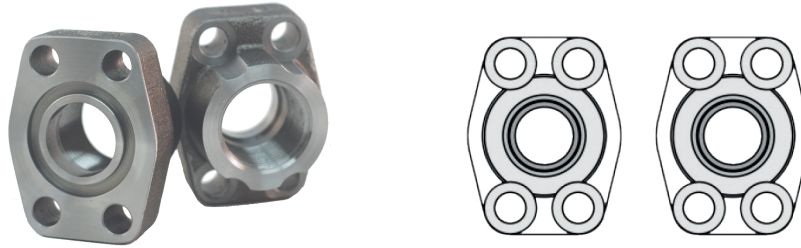


| D.E. Tubing | Acero al Carbón Zincado # de Parte | PSI |
|-------------|---------------------------------------|------|
| 1/8" | FLC0319-02 | 5000 |
| 3/16" | FLC0319-03 | 5000 |
| 1/4" | FLC0319-04 | 5000 |
| 5/16" | FLC0319-05 | 5000 |
| 3/8" | FLC0319-06 | 4000 |
| 1/2" | FLC0319-08 | 3000 |
| 5/8" | FLC0319-10 | 3000 |
| 3/4" | FLC0319-12 | 2500 |
| 1" | FLC0319-16 | 2000 |
| 1 1/4" | FLC0319-20 | 1150 |
| 1 1/2" | FLC0319-24 | 1000 |

Brida Hidráulica

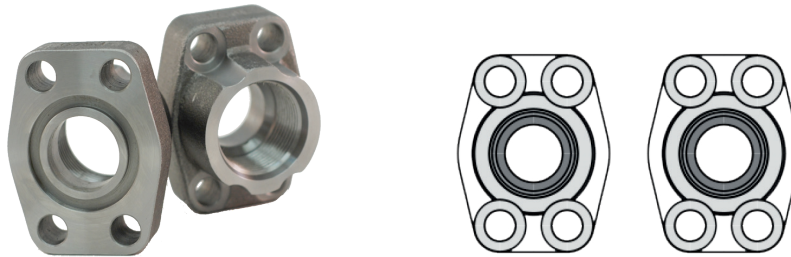
| Serie..... | Página | Configuración |
|-------------------|---------------|---|
| W43 | 106 | Serie W43 - Brida Hidráulica 4 Pernos - Puerto NPTF Código 61 O-Ring |
| W104 | 106 | Serie W104 - Brida Hidráulica 4 Pernos - Puerto NPTF Código 61 Cara Plana |
| W44 | 106 | Serie W44 - Brida Hidráulica 4 Pernos - Puerto NPTF Código 62 O-Ring |
| W45 | 106 | Serie W45 - Brida Hidráulica 4 Pernos - Puerto NPTF Código 62 Cara Plana |
| W46 | 106 | Serie W46 - Brida Hidráulica 4 Pernos - Puerto SAE O-Ring Código 61 O-Ring |
| W106 | 106 | Serie W106 - Brida Hidráulica 4 Pernos - Puerto SAE O-Ring Código 61 Cara Plana |
| W48 | 106 | Serie W48 - Brida Hidráulica 4 Pernos - Puerto SAE O-Ring Código 62 O-Ring |
| W49 | 106 | Serie W49 - Brida Hidráulica 4 Pernos - Puerto SAE O-Ring Código 62 Cara Plana |
| W4 | 107 | Serie W4 - Brida Hidráulica 4 Pernos - Para Soldar a Tubo Código 61 O-Ring |
| W61 | 107 | Serie W61 - Brida Hidráulica 4 Pernos - Para Soldar a Tubo Código 61 Cara Plana |
| W59 | 107 | Serie W59 - Brida Hidráulica 4 Pernos - Para Soldar a Tubo Código 62 O-Ring |
| W60 | 107 | Serie W60 - Brida Hidráulica 4 Pernos - Para Soldar a Tubo Código 62 Cara Plana |
| *SFO | 107 | Serie *SFO - Kit de Brida Partida Código 61 |
| *SFXO | 107 | Serie *SFXO - Kit de Brida Partida Código 62 |
| 300- | 108 | Serie 300 - Macho JIC x Brida SAE O-Ring Código 61 O-Ring |
| 600- | 108 | Serie 600 - Macho JIC x Brida SAE O-Ring Código 62 Cara Plana |
| 390- | 109 | Serie 390 - Codo 90° Macho JIC x Brida SAE O-Ring Código 61 O-Ring |
| 690- | 109 | Serie 690 - Codo 90° Macho JIC x Brida SAE O-Ring Código 62 Cara Plana |
| 340- | 109 | Serie 340 - Codo 45° Macho JIC x Brida SAE O-Ring Código 61 O-Ring |
| 640- | 109 | Serie 640 - Codo 45° Macho JIC x Brida SAE O-Ring Código 62 Cara Plana |

Brida Hidráulica de 4 Pernos - Puerto NPTF



| Rosca NPTF | Puerto | Dimensión de Sellado | Código 61 O-Ring | Código 61 Cara Plana | Código 62 O-Ring | Código 62 Cara Plana |
|-----------------|--------|----------------------|--------------------|----------------------|--------------------|----------------------|
| 1/2" - 14 | 1/2" | 1/2" | W43-8-8-U | W104-8-8 | W44-8-8-U | W45-8-8 |
| 3/4" - 14 | 3/4" | 3/4" | W43-12-12-U | W104-12-12 | W44-12-12-U | W45-12-12 |
| 1" - 11 1/2 | 1" | 1" | W43-16-16-U | W104-16-16 | W44-16-16-U | W45-16-16 |
| 1 1/4" - 11 1/2 | 1 1/4" | 1 1/4" | W43-20-20-U | W104-20-20 | W44-20-20-U | W45-20-20 |
| 1 1/2" - 11 1/2 | 1 1/2" | 1 1/2" | W43-24-24-U | W104-24-24 | W44-24-24-U | W45-24-24 |
| 2" - 11 1/2 | 2" | 2" | W43-32-32-U | W104-32-32 | W44-32-32-U | W45-32-32 |
| 2 1/2" - 8 | 2 1/2" | 2 1/2" | W43-40-40-U | W104-40-40 | - | - |
| 3" - 8 | 3" | 3" | W43-48-48-U | W104-48-48 | - | - |

Brida Hidráulica de 4 Pernos - Puerto SAE O-Ring



| Rosca UN/UNF-2B | Puerto | Dimensión de Sellado | Código 61 O-Ring | Código 61 Cara Plana | Código 62 O-Ring | Código 62 Cara Plana |
|-----------------|--------|----------------------|--------------------|----------------------|--------------------|----------------------|
| 3/4" - 16 | 1/2" | 1/2" | W46-8-8-U | W106-8-8 | W48-8-8-U | W49-8-8 |
| 1 1/16" - 12 | 3/4" | 3/4" | W46-12-12-U | W106-12-12 | W48-12-12-U | W49-12-12 |
| 1 5/16" - 12 | 1" | 1" | W46-16-16-U | W106-16-16 | W48-16-16-U | W49-16-16 |
| 1 5/8" - 12 | 1 1/4" | 1 1/4" | W46-20-20-U | W106-20-20 | W48-20-20-U | W49-20-20 |
| 1 7/8" - 12 | 1 1/2" | 1 1/2" | W46-24-24-U | W106-24-24 | W48-24-24-U | W49-24-24 |
| 2 1/2" - 12 | 2" | 2" | W46-32-32-U | W106-32-32 | W48-32-32-U | W49-32-32 |

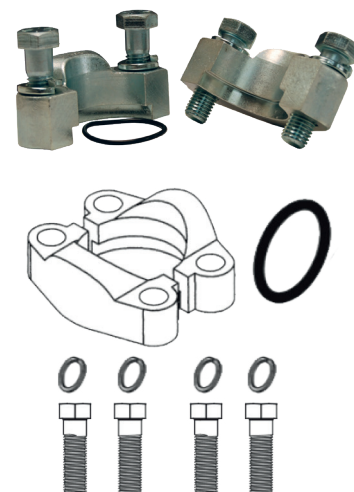
Brida Hidráulica de 4 Pernos - Para Soldar a Tubo



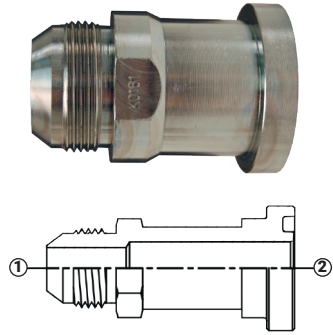
| Puerto | Dimensión de Sellado | Código 61 O-Ring | Código 61 Cara Plana | Código 62 O-Ring | Código 62 Cara Plana |
|--------|----------------------|-------------------|----------------------|--------------------|----------------------|
| 1/2" | 1/2" | W4-8-8-U | W61-8-8 | W59-8-8-U | W60-8-8 |
| 3/4" | 3/4" | W4-12-12-U | W61-12-12 | W59-12-12-U | W60-12-12 |
| 1" | 1" | W4-16-16-U | W61-16-16 | W59-16-16-U | W60-16-16 |
| 1 1/4" | 1 1/4" | W4-20-20-U | W61-20-20 | W59-20-20-U | W60-20-20 |
| 1 1/2" | 1 1/2" | W4-24-24-U | W61-24-24 | W59-24-24-U | W60-24-24 |
| 2" | 2" | W4-32-32-U | W61-32-32 | W59-32-32-U | W60-32-32 |
| 2 1/2" | 2 1/2" | W4-40-40-U | W61-40-40 | W59-40-40-U | W60-40-40 |
| 3" | 3" | W4-48-48-U | W61-48-48 | W59-48-48-U | W60-48-48 |

Kit de Brida Partida - Código 61 y 62

| Tamaño de Brida | Código 61 | Código 62 |
|-----------------|--------------|---------------|
| 1/2" | 8SFO | 8SFXO |
| 3/4" | 12SFO | 12SFXO |
| 1" | 16SFO | 16SFXO |
| 1 1/4" | 20SFO | 20SFXO |
| 1 1/2" | 24SFO | 24SFXO |
| 2" | 32SFO | 32SFXO |
| 2 1/2" | 40SFO | --- |
| 3" | 48SFO | --- |



Macho JIC 37° x Brida SAE O-Ring

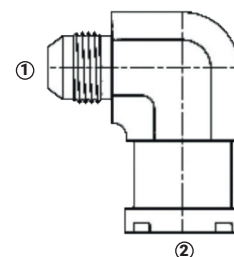


(1) Macho JIC
(2) Brida SAE O-Ring

| Macho JIC | D.E. de Tubo | Tamaño de Brida | Código 61 O-Ring | Código 62 Cara Plana |
|-------------|--------------|-----------------|------------------|----------------------|
| 3/4"-16 | 1/2" | 1/2" | 300-8-8 | --- |
| 3/4"-16 | 1/2" | 3/4" | 300-8-12 | --- |
| 1 1/16"-12 | 3/4" | 3/4" | 300-12-12 | 600-12-12 |
| 1 1/16"-12 | 3/4" | 1" | 300-12-16 | 600-12-16 |
| 1 1/16"-12 | 3/4" | 1-1/4" | 300-12-20 | --- |
| 1 5/16"-12 | 1" | 3/4" | 300-16-12 | 600-16-12 |
| 1 5/16"-12 | 1" | 1" | 300-16-16 | 600-16-16 |
| 1 5/16"-12 | 1" | 1 1/4" | 300-16-20 | 600-16-20 |
| 1 5/16"-12 | 1" | 1 1/2" | 300-16-24 | 600-16-24 |
| 1 5/16"-12 | 1" | 2" | 300-16-32 | --- |
| 1 5/8"-12 | 1 1/4" | 1" | 300-20-16 | 600-20-16 |
| 1 5/8"-12 | 1 1/4" | 1 1/4" | 300-20-20 | 600-20-20 |
| 1 5/8"-12 | 1 1/4" | 1 1/2" | 300-20-24 | 600-20-24 |
| 1 7/8" - 12 | 1 1/2" | 1 1/4" | 300-24-20 | 600-24-20 |
| 1 7/8" - 12 | 1 1/2" | 1 1/2" | 300-24-24 | 600-24-24 |
| 1 7/8" - 12 | 1 1/2" | 2" | 300-24-32 | 600-24-32 |
| 2 1/2"-12 | 2" | 1 1/2" | 300-32-24 | 600-32-24 |
| 2 1/2"-12 | 2" | 2" | 300-32-32 | 600-32-32 |
| 2 1/2"-12 | 2" | 2 1/2" | 300-32-40 | --- |
| 3"-12 | 2 1/2" | 2 1/2" | 300-40-40 | --- |

Codo 90° Macho JIC 37° x Brida SAE O-Ring

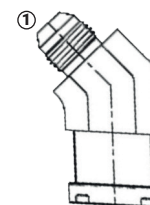
| Macho JIC | D.E. de Tubo | Tamaño de Brida | Código 61 O-Ring | Código 62 Cara Plana |
|------------|--------------|-----------------|------------------|----------------------|
| 3/4"-16 | 1/2" | 1/2" | 390-8-8 | 690-8-8 |
| 3/4"-16 | 1/2" | 3/4" | 390-8-12 | --- |
| 1 1/16"-12 | 3/4" | 3/4" | 390-12-12 | 690-12-12 |
| 1 1/16"-12 | 3/4" | 1" | 390-12-16 | 690-12-16 |
| 1 1/16"-12 | 3/4" | 1-1/4" | 390-12-20 | --- |
| 1 5/16"-12 | 1" | 3/4" | 390-16-12 | 690-16-12 |
| 1 5/16"-12 | 1" | 1" | 390-16-16 | 690-16-16 |
| 1 5/16"-12 | 1" | 1 1/4" | 390-16-20 | 690-16-20 |
| 1 5/16"-12 | 1" | 1 1/2" | 390-16-24 | --- |
| 1 5/8"-12 | 1 1/4" | 1" | 390-20-16 | 690-20-16 |
| 1 5/8"-12 | 1 1/4" | 1 1/4" | 390-20-20 | 690-20-20 |
| 1 5/8"-12 | 1 1/4" | 1 1/2" | 390-20-24 | 690-20-24 |
| 1 7/8"-12 | 1 1/2" | 1 1/4" | 390-24-20 | 690-24-20 |
| 1 7/8"-12 | 1 1/2" | 1 1/2" | 390-24-24 | 690-24-24 |
| 1 7/8"-12 | 1 1/2" | 2" | 390-24-32 | 690-24-32 |
| 2 1/2"-12 | 2" | 1 1/2" | 390-32-24 | 690-32-24 |
| 2 1/2"-12 | 2" | 2" | 390-32-32 | 690-32-32 |
| 2 1/2"-12 | 2" | 2 1/2" | 390-32-40 | --- |
| 3"-12 | 2 1/2" | 2 1/2" | 390-40-40 | --- |



(1) Macho JIC
(2) Brida SAE O-Ring

Codo 45° Macho JIC 37° x Brida SAE O-Ring

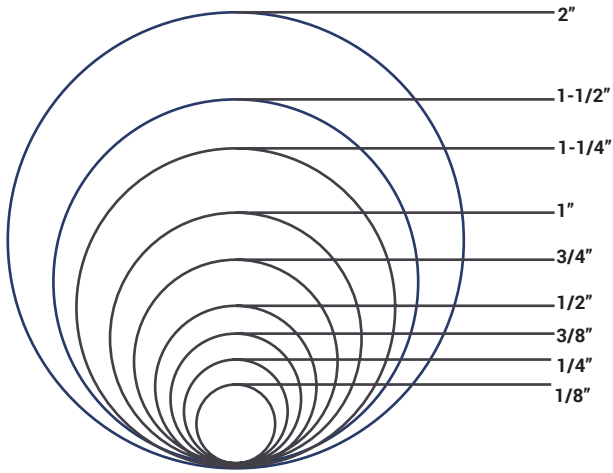
| Macho JIC | D.E. de Tubo | Tamaño de Brida | Código 61 O-Ring | Código 62 Cara Plana |
|-------------|--------------|-----------------|------------------|----------------------|
| 1 1/16"-12 | 3/4" | 3/4" | 340-12-12 | 640-12-12 |
| 1 5/16"-12 | 1" | 1" | 340-16-16 | 640-16-16 |
| 1 5/8"-12 | 1 1/4" | 1 1/4" | 340-20-20 | 640-20-20 |
| 1 7/8" - 12 | 1 1/2" | 1 1/2" | 340-24-24 | 640-24-24 |
| 2 1/2"-12 | 2" | 2" | 340-32-32 | 640-32-32 |



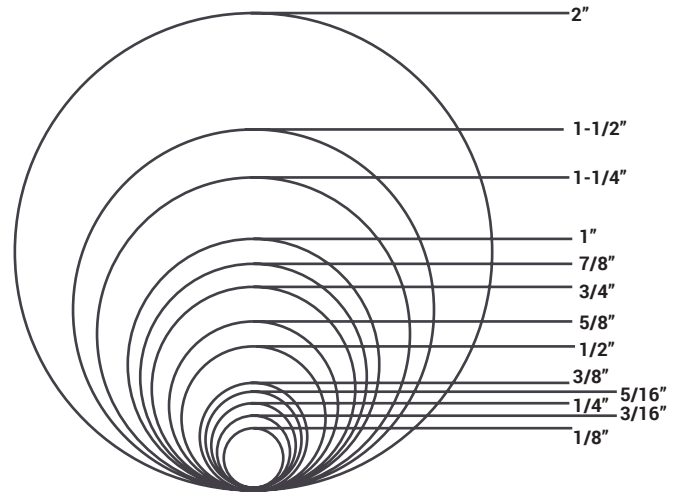
(1) Macho JIC
(2) Brida SAE O-Ring

Plantillas de Identificación de Rosca

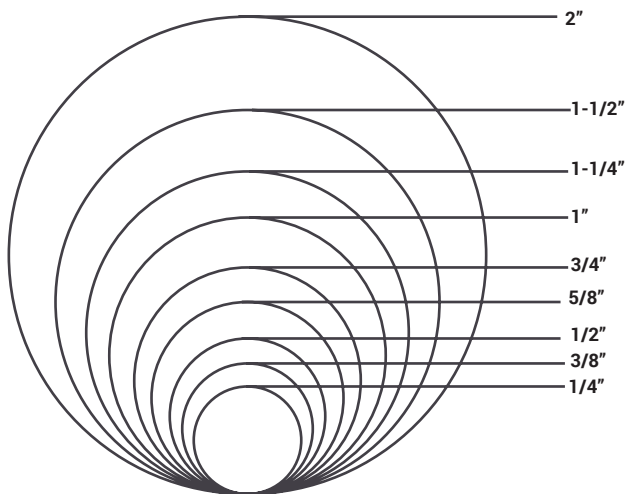
NPTF



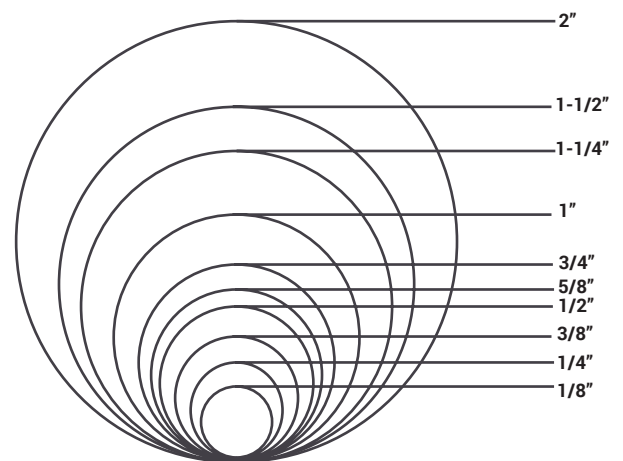
SAE O-Ring (ORB)



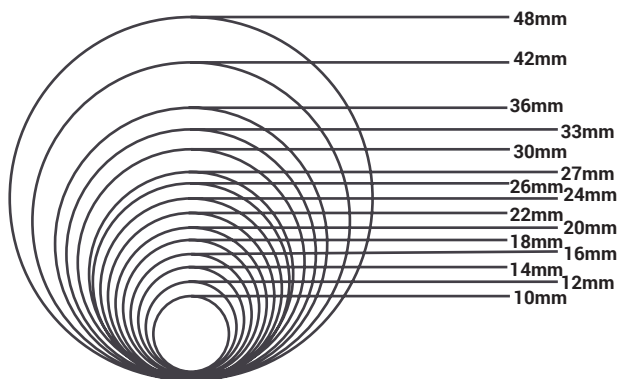
Cara Plana (FS)



Británica (BSPT)

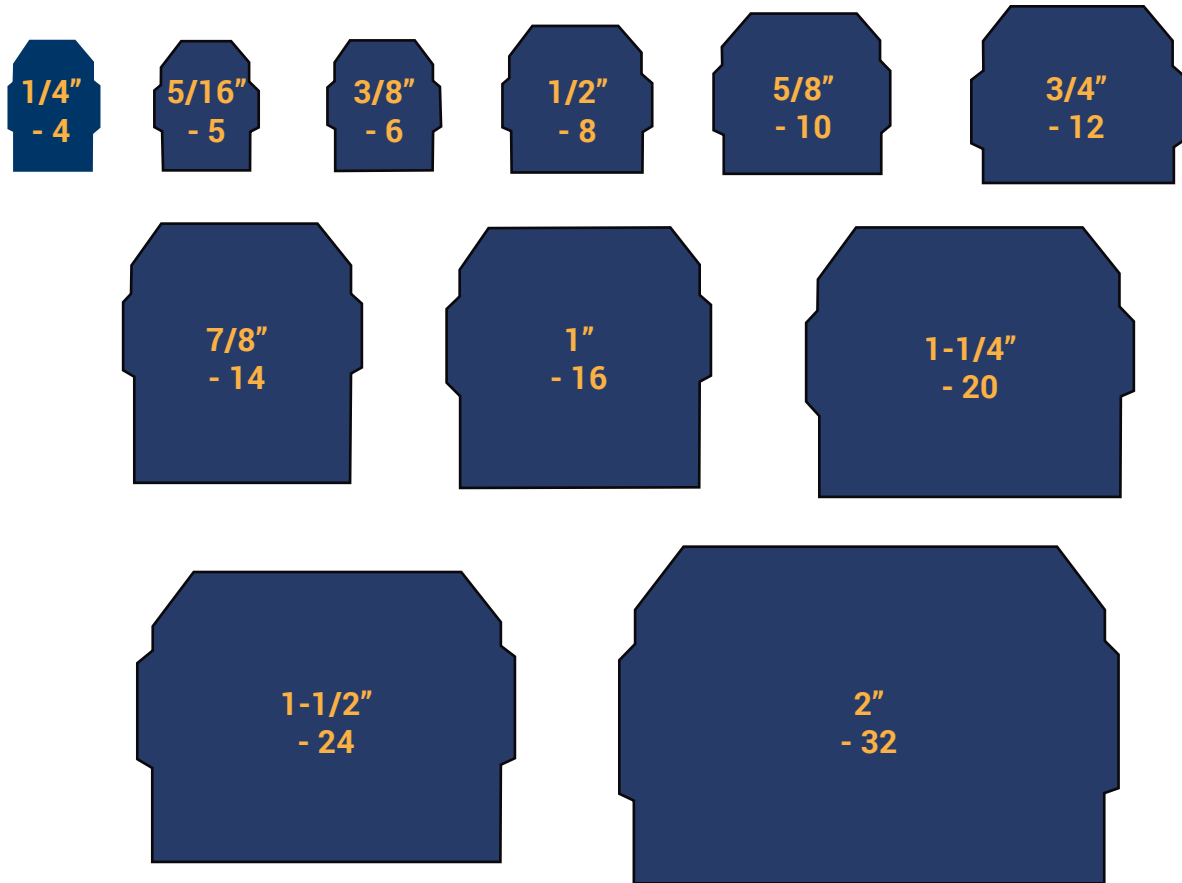


Métrica



Plantillas de Identificación de Rosca

JIC 37°



SAE 45°



Ángulos de Naríz

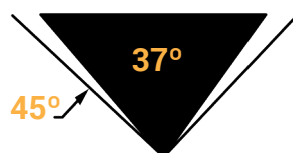


Tabla de Referencia Cruzada

| Rosca | DIXON | Eaton-Aeroquip | Gates | Parker | Continental |
|---------|--------------|----------------|-------------|--------|-----------------|
| NPTF | 5000 | 2096 | FP-FP | GG | NPF-NPF |
| NPTF | 5404 | 2083 | MP-MP | FF | NPM-NPMHN |
| NPTF | 5405 | 2040 | MP-FPL | FG | NPM-NPFEX |
| NPTF | 5406 | 2081 | MP-FPS | PTR | NPM-NPFRB |
| NPTF | 5406C | | | HPC | NPC |
| NPTF | 5406F | | | | NPHHPF |
| NPTF | 5406H | | | | NPHHP |
| NPTF | 1251H | 2082 | MP-PLUG | HP | NPP |
| NPTF | 5406S | | | | NPSHP |
| NPTF | 5500 | 2085 | MP-MP90 | CR | NPM-NPM-90 |
| NPTF | 5501 | 2247 | MP-MP45 | | |
| NPTF | 5502 | 2089 | MP-FP90 | CD | NPM-NPF-90 |
| NPTF | 5503 | 2088 | MP-FP45 | CD45 | NPM-NPF-45 |
| NPTF | 5504 | 2087 | FP-FP90 | DD | NPF-NPF-90 |
| NPTF | 5505 | | FP-FP45 | DD45 | NPF-NPF-45 |
| NPTF | 5600 | 2257 | MP-MP-MP | RRS | NPM-NPM-NPM |
| NPTF | 5601 | 2256 | MP-MP-FP | | NPM-NPM-NPF |
| NPTF | 5602 | 2092 | MP-FP-FP | MRO | NPM-NPF-NPF |
| NPTF | 5603 | 2093 | MP-FP-MP | | NPM-NPF-NPM |
| NPTF | 5604 | 2091 | FP-FP-MP | MMS | NPF-NPF-NPM |
| NPTF | 5605 | 2090 | FP-FP-FP | MMO | NPF-NPF-NPF |
| NPTF | 5652 | 2080 | FP-FP-FP-FP | KMMOO | NPF-NPF-NPF-NPF |
| NPTF | 5655 | | | | NPM-NPF-NPF-NPF |
| NPSM | 1404 | 2045 | MP-FPX | 0107 | NPM-NSFX |
| NPSM | 1405 | 2046 | FP-FPX | 0207 | NPF-NSFX |
| NPSM | 1406 | | | HX6 | |
| NPSM | 1501 | 2047 | MP-FPX90 | 2107 | NPM-NSFX-90 |
| NPSM | 1502 | 2048 | FP-FPX90 | 2207 | NPF-NSFX-90 |
| NPSM | 1503 | 2049 | MP-FPX45 | 3107 | NPM-NSFX-45 |
| NPSM | 1504 | 2050 | FP-FPX45 | 3207 | NPF-NSFX-45 |
| NPSM | 1601 | 2254 | FPX-FPX-MP | 217T | NSFX-NSFX-NPM |
| NPSM | 1602 | 2253 | FPX-FPX-FP | 227T | NSFX-NSFX-NPF |
| NPSM | 1603 | 2255 | FPX-FPX-FPX | 077T | NSFX-NSFX-NSFX |
| NPSM | 6900 | 2066 | MB-FPX | 507 | OBM-NSFX |
| NPSM | 6901 | 2068 | MB-FPX90 | 2507 | OBM-NSFX-90 |
| NPSM | 6902 | 2067 | MB-FPX45 | 3507 | OBM-NSFX-45 |
| JIC 37° | 0304C | 210292 | FJ-CAP | FNTX | JCC |
| JIC 37° | 0306 | 210212 | LN | WLN | JCFBLN |

| Rosca | DIXON | Eaton-Aeroquip | Gates | Parker | Continental |
|------------|---------------|----------------|-------------|--------|-----------------|
| JIC 37° | 0318 | 1290 | TSN | BTX | JCTN |
| JIC 37° | 0319 | 900605 | TS | TX | JCTS |
| JIC 37° | 1204 | 2027 | MJ-MJ | HTX | JCM-JCM |
| JIC 37° | 2404 | 2021 | MJ-MP | FTX | JCM-NPM |
| JIC 37° | 2404L | 202114 | FFTX | | JCM-NPM-LL |
| JIC 37° | 2405 | 2022 | MJ-FP | GTX | JCM-NPF |
| JIC 37° | 2406 | 2215 | FJ-MJ | TRTXN | |
| JIC 37° | 1254 | 900599 | MJ-PLUG | PNTX | JCP |
| JIC 37° | 1234 | 2039 | MJ-MJ90 | ETX | JCM-JCM-90 |
| JIC 37° | 2501 | 2024 | MJ-MP90 | CTX | JCM-NPM-90 |
| JIC 37° | 2501L | 202411 | | CCTX | JCM-NPM-90-L |
| JIC 37° | 2502 | 2025 | MJ-FP90 | DTX | JCM-NPF-90 |
| JIC 37° | 2503 | 2023 | MJ-MP45 | VTX | JCM-NPM-45 |
| JIC 37° | 2504 | 2023 | | | JCM-JCM-45 |
| JIC 37° | 2505 | 2044 | MJ-FP45 | | |
| JIC 37° | 2601 | 2030 | MJ-MJ-MP | STX | JCM-JCM-BTM |
| JIC 37° | 2602 | 2031 | MJ-MJ-FP | OTX | JCM-JCM-NPF |
| JIC 37° | 2603 | 2033 | MJ-MJ-MJ | JTX | JCM-JCM-JCM |
| JIC 37° | 2605 | 2028 | MJ-MP-MJ | RTX | JCM-NPM-JCM |
| JIC 37° | 2606 | 2029 | MJ-FP-MJ | MTX | |
| JIC 37° | 2650 | 2020 | MJ-MJ-MJ-MJ | KTX | JCM-JCM-JCM-JCM |
| JIC 37° SW | 6500 | 2071 | MJ-FJX90 | C6X | JCM-JCFX-90 |
| JIC 37° SW | 6501 | 2250 | FJX-MP90 | X6EF | JCFX-NPM-90 |
| JIC 37° SW | 6502 | 2070 | MJ-FJX45 | V6X | JCM-JCFX-45 |
| JIC 37° SW | 6503 | 2244 | FP-FPX90 | | |
| JIC 37° SW | 6504 | 2215 | MJ-FJX | XHX6 | JCM-JCFX |
| JIC 37° SW | 6505 | 2018 | FJX-MP | F6X | JCFX-NPM |
| JIC 37° SW | 6506 | 2242 | FJX-FP | G6X | JCFX-NPF |
| JIC 37° SW | 6509 | | FJX-FJX | HX6 | JCFX-JCFX |
| JIC 37° SW | 6600 | 203101 | MJ-MJ-FJX | S6X | JCM-JCM-JCFX |
| JIC 37° SW | 6602 | 203103 | MJ-FJX-MJ | R6X | JCM-JCFX-JCM |
| BLKHD | 2700LN | 2041-1 | MJ-BKHD | WTX | JCM-JCMB |
| BLKHD | 2701LN | 2043-1 | | WETX | JCM-JMB-90 |
| BLKHD | 2702LN | 2042-1 | | WNTX | |
| BLKHD | 2703LN | 203002-1 | MJ-MJ-BKH | WJTX | JCM-JCM-JCMB |
| BLKHD | 2704LN | FF1065 | | WJJTX | |
| BLKHD | 2705LN | 2239 | MJBKHD-FP | WGTX | |
| BLKHD | 2706LN | 2240 | MJBKHD-MP | WFTX | JCMB-NPM |
| FF | FS2401 | FF2313T | MFFOR-MJ | XHLO | OFM-JCM |
| FF | FS2403 | FF2000T | MFFOR-MFFOR | HLO | OFM-OFM |

Adaptadores Hidráulicos Dixon

| Rosca | DIXON | Eaton-Aeroquip | Gates | Parker | Continental |
|-------|----------------|----------------|-------------------|--------|--------------|
| FF | FS2404 | FF2031T | MFFOR-MP | FLO | OFM-NPM |
| FF | FS2406 | FF2281T | FFORX-MFFOR | TRLON | |
| FF | FS2408 | FF9767 | MFFOR-PLUG | PNLO | OFP |
| FF | FS2500 | FF2035T | MFFOR-MFFOR90 | ELO | OFM-OFM-90 |
| FF | FS2501 | | | CLO | OFM-NPM-90 |
| FF | FS2503 | FF2093T | | VLO | |
| FF | FS2601 | FF2001T | | SLO | |
| FF | FS2603 | FF1898T | MFFOR-MFFOR-MFFOR | JLO | |
| FF | FS2650 | | | KLO | |
| FF | FS2700 | FF1994T | | WF50LO | OFM-OFMB |
| FF | FS2701 | FF2030T | | WELO | OFM-OFMB-90 |
| FF | FS2702 | FF2144T | | WNLO | |
| FF | FS2703 | FF2033T | | WJLO | |
| FF | FS2704 | | | WJJLO | |
| FF | FS304C | FF9863 | FFOR-CAP | FNL | OFTN |
| FF | FS306 | FF9768 | LN-SH | WLNX | OFBLN |
| FF | FS6809 | | | AOEL6 | |
| FF | FS6400 | FF1852T | MFFOR-MB | F50LO | OFM-OBM |
| FF | FS6402 | FF2130T | | F650L | |
| FF | FS6500 | FF2098T | MFFOR-FFORX90 | C6LO | OFM-OFFX-90 |
| FF | FS6502 | FF2133T | | V6LO | |
| FF | FS6504 | | | LOHX6 | |
| FF | FS6508 | FF2209T | FFORX-MJ | XHL6 | OFFX-JCM |
| FF | FS6600 | FF1857T | MFFOR-MFFOR-FFORX | S6LO | OFM-OFM-OFFX |
| FF | FS6602 | FF2114T | | R6LO | OFM-OFFX-OFM |
| FF | FS6801 | FF1868T | MFFOR-MB90 | C50LO | OFM-OBM-90 |
| FF | FS6804 | FF1865T | MFFOR-MB-MFFOR | R50LO | OFM-OBM-OFM |
| ORB | 1231 | 202702 | MB-MJ | F50X | JCM-OBM |
| ORB | 1240 | 2061 | MB-MJ45 | V50X | JCM-OBM-45 |
| ORB | 6400L | 202713 | MJ-MJ-LONG | FF50X | JCM-OBM-L |
| ORB | 6401 | FF1852T | MB-MP | F50F | OBM-NPM |
| ORB | 6402 | 2266 | MB-FJX | F650X | OBM-NSFX |
| ORB | 6403 | | | F50HAO | |
| ORB | 6404 | 2246 | FB-MP | FHG5 | |
| ORB | 6405 | 2016 | MB-FP | F50G | OBM-NPF |
| ORB | 6408 | 900598 | MB-PLUG | P50N | OBP |
| ORB | 6408HHP | FF2138 | 2MB-PLUG | HP50N | OBHHP |
| ORB | 6410 | FF1010 | MB-FP | F50G5 | OBM-OBFRT |
| ORB | 6420 | | | FB-FP | |
| ORB | 6425 | | | | |

| Rosca | DIXON | Eaton-Aeroquip | Gates | Parker | Continental |
|-------|---------------|----------------|----------------|---------|-----------------|
| ORB | 1238 | 2062 | MB-MJ90 | C50X | JCM-OBM-90 |
| ORB | 6801L | | | CC50X | JCM-OBM-90-L |
| ORB | 6801LL | 206209 | | CC50X | JCM-OBM-90-XL |
| ORB | 6803 | 203003 | MJ-MJ-MB | S50X | JCM-JCM-OBM |
| ORB | 6804 | 203005 | MB-MJ-MJ | R50X | JCM-OBM-JCM |
| ORB | 6805 | 206801 | MB-FP90 | AOEG | OBM-NPF-90 |
| ORB | 6806 | | | | OBM-NPM-90 |
| ORB | 6807 | | | | |
| ORB | 6809 | | MB-FJX-90 | AOEX90 | |
| ORB | 6815 | | | | |
| BSPP | B3401 | | MBSPP-MP | FMK4 | BPM-NPM |
| BSPP | B3402 | | MBSPP-FJX | | |
| BSPP | B3404 | GG110-NP | MBSPT-MJ | F3MX | BTM-JCM |
| BSPP | B3405 | | FBSP-MJ | G4MXSMP | |
| BSPP | B3408 | | MBSPP-PLUG | | BPP |
| BSPP | B3455 | | MBSPP-FP | | BPM-NPF |
| BSPP | B3501 | | | C3MX | BPM-NPM-90 |
| BSPP | B3504 | | FBSPX-MJ | | BFPX-JCM |
| BSPP | B3505 | | MBSPP-FBSPX | | BPM-BPFX |
| BSPP | B3506 | | | | FBSPX-FJX |
| BSPP | B3508 | | 2FBSP-2MP | | |
| BSPP | B3800 | 2063 | MBSPPOR-MJ | F40MXS | BPM-JCM |
| BSPP | B3801 | GG306-NP | MBSPPOR-MJ90 | C40MXS | BPM-JCM-90 |
| BSPP | B3802 | | MBSPPOR-MJ45 | V40MX | BPM-JCM-45 |
| MM | M3504 | | | XHU86 | JCM-MLFX-12X1.5 |
| MM | M7400 | GG108-NP | MJ-MM | F870MX | JCM-MPMX1.0 |
| MM | M7408 | | 12MBSPPOR-PLUG | | |
| MM | M7455 | | MM-FP | | NPF-MPM |
| MM | M7801 | GG308-NP | MM-MJ90 | | |

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Algunos productos y medidas pueden ser descontinuadas cuando el inventario se agote, o pueden requerir de una cantidad mínima para ordenarse.

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Seguridad



Los logotipos de seguridad, aparecen en todo el catálogo, son usados como un recordatorio que el usuario debe revisar propiamente el medio del producto en la aplicación y ambiente en donde será utilizado.

NOTA: Debido a los peligros asociados con la contaminación y contenido de plomo en sistemas de agua potable, Dixon, a menos que especifique lo contrario, no recomienda el uso en servicio de agua potable y no debe ser usado en aplicaciones donde el agua potable esté en contacto con las partes internas del acople.

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La Conexión Correcta^{MR}



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