

# CATÁLOGO DE PRODUCTOS



AL SERVICIO DE LA  
MINERÍA E INDUSTRIA  
EN GENERAL

- Mangueras Hidráulicas
- Adaptadores
- Equipos



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**RoATSA**



## MANGUERA ULTRA PRESION -G8K

### RECOMENDADO PARA

Aplicaciones de alta presión y alto impulso, como transmisiones hidrostáticas, para uso en la construcción, agricultura, silvicultura, minería subterránea o a cielo abierto, u otras industrias en aplicaciones donde se requiere una capacidad de presión extremadamente alta. Las mangueras y los acoplamientos G8K ofrecen una capacidad de radio de curvatura líder en la industria, lo que facilita el enrutamiento y la instalación, una mayor vida útil de la manguera en aplicaciones de flexión y menos requisitos de accesorios de tubo curvado.



### TUBO

El tubo de policloropreno negro resistente al aceite permite el rendimiento de alta presión y alta temperatura requerido en estas aplicaciones exigentes.

### REFORZAMIENTO

Seis capas alternas de construcción en espiral de alambre de acero de alta resistencia.

### CUBIERTA

Caucho sintético negro, resistente al aceite (policloropreno), con layline codificado por colores.

### RANGO DE TEMPERATURA

-40°F to +250°F (-40°C to +121°C).

Part No.	Description	Product No.	Standard Pack					
71096	12G8KXCTN	4651-1639	100	3/4	1.36	8000	32000	9.5
71097	16G8KXCTN	4651-1631	100	1	1.66	8000	32000	12.0

## MANGUERA SAE 100R15 - EFG6K

### RECOMENDADO PARA

Aplicaciones de alta presión y alto impulso, como transmisiones hidrostáticas. EFG6K está diseñado para cumplir o superar todos los requisitos de las especificaciones SAE 100R15 y los requisitos de rendimiento de EN 856 4SP (-6, -8, -10 y -12), EN 856 4SH (-12, 16 y -20) e ISO 3862 Tipo R15 (-6, -8, -10, -12, -16, -24). Compatible con fluidos hidráulicos biodegradables como poliéster, políglicol y aceite vegetal, así como con fluidos estándar a base de petróleo.



### TUBO

Caucho sintético negro, resistente al aceite (nitrilo).

### REFORZAMIENTO

Cuatro (seis para -20, -24 y -32) capas alternas de acero en espiral de alta resistencia.

### CUBIERTA

Caucho sintético negro, resistente al aceite (policloropreno), con layline codificado por colores. T

### RANGO DE TEMPERATURA






-40°F to +250°F (-40°C to +121°C).

Para fluidos hidráulicos biodegradables. Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G". Probado para los 1.000.000 ciclos de impulso líderes en la industria.

Part No.	Description	Product No.	Standard Pack					
85465	6EFG6K X25FT	4651-4032	1	3/8	.80	6000	24000	2.5
70404	6EFG6KX100REEL	4651-5028	100	3/8	.80	6000	24000	2.5
70866	6EFG6KXCTN	4651-1396	100	3/8	.80	6000	24000	2.5
70163	6EFG6KXREEL	4651-0123	300	3/8	.80	6000	24000	2.5



## MANGUERA SAE 100R15 - EFG6K

Part No.	Description	Product No.	Standard Pack					
85466	8EFG6K X25FT	4651-4033	1	1/2	.95	6000	24000	3.5
70405	8EFG6KX100REEL	4651-5029	100	1/2	.95	6000	24000	3.5
70865	8EFG6KXCTN	4651-1371	100	1/2	.95	6000	24000	3.5
70978	8EFG6KXLL	4651-1613	200	1/2	.95	6000	24000	3.5
70164	8EFG6KXREEL	4651-0124	240	1/2	.95	6000	24000	3.5
85467	10EFG6K X25FT	4651-4034	1	5/8	1.09	6000	24000	4.0
70815	10EFG6KXCTN	4651-1368	100	5/8	1.09	6000	24000	4.0
70735	10EFG6KXLL	4651-1397	200	5/8	1.09	6000	24000	4.0
70165	10EFG6KXREEL	4651-0125	200	5/8	1.09	6000	24000	4.0
85468	12EFG6K X25FT	4651-4035	1	3/4	1.24	6000	24000	4.7
70839	12EFG6KXCTN	4651-1288	100	3/4	1.24	6000	24000	4.7
70736	12EFG6KXLL	4651-1398	200	3/4	1.24	6000	24000	4.7
70168	12EFG6KXREEL	4651-0128	200	3/4	1.24	6000	24000	4.7
85469	16EFG6K X25FT	4651-4036	1	1	1.53	6000	24000	6.0
70836	16EFG6KXCTN	4651-1289	100	1	1.53	6000	24000	6.0
70737	16EFG6KXLL	4651-1399	200	1	1.53	6000	24000	6.0
85470	20EFG6K X25FT	4651-4037	1	1 1/4	1.97	6000	24000	8.2
70837	20EFG6KXCTN	4651-1290	50	1 1/4	1.97	6000	24000	8.2
70738	20EFG6KXLL	4651-1400	200	1 1/4	1.97	6000	24000	8.2
85426	24EFG6K X25FT	4651-1574	1	1 1/2	2.26	6000	24000	10.0
71065	24EFG6KXCTN	4651-1531	50	1 1/2	2.26	6000	24000	10.0
	24EFG6KXLL	4651-1572	200	1 1/2	2.26	6000	24000	10.0
71100	32EFG6KXCTN	4651-1759	50	2	2.80	6000	24000	25.0
71099	32EFG6KXLL	4651-1758	200	2	2.80	6000	24000	25.0



## MANGUERA SAE 100R15 -PARA BAJA TEMPERATURA - EFG6KL

<b>RECOMENDADO PARA</b>	Aplicaciones hidráulicas de presión extremadamente alta en entornos de baja temperatura. Compatible con fluidos hidráulicos biodegradables como poliolester, poliglicol y aceite vegetal, así como con fluidos estándar a base de petróleo.
<b>TUBO</b>	Caucho sintético negro, resistente al aceite (nitrilo).
<b>REFORZAMIENTO</b>	Cuatro o seis capas alternas de alambre en espiral de alta resistencia.
<b>CUBIERTA</b>	Caucho sintético negro, resistente al aceite (policloropreno), con layline codificado por colores.
<b>RANGO DE TEMPERATURA</b>	-70°F to +212°F (-57°C to +100°C).



Probado a 1.000.000 ciclos de impulso

Part No.	Description	Product No.	Standard Pack					
70250	10EFG6KLXCTN	4651-0160	100	5/8	1.09	6000	24000	4.0
70257	12EFG6KLXCTN	4651-0038	100	3/4	1.24	6000	24000	4.8
70259	16EFG6KLXCTN	4651-0039	100	1	1.53	6000	24000	6.0

## MANGUERA SAE 100R13 - EFG5K

<b>RECOMMENDED FOR</b>	Aplicaciones de alta presión extremadamente alta. Supera todos los requisitos de ISO 18752 Grado D (excepto -24) y SAE 100R13 y los requisitos de rendimiento de EN 856 4SH (-16 y -20), EN 856 4SP (-10 y -12), EN 856 R13 e ISO 3862 R13 (-12, -16, 20, -24, -32). Compatible con fluidos hidráulicos biodegradables como poliolester, poliglicol y aceite vegetal, así como con fluidos estándar a base de petróleo.
<b>TUBE</b>	Caucho sintético negro, resistente al aceite (nitrilo).
<b>REINFORCEMENT</b>	Cuatro (seis para -20, -24 y -32) capas alternas de acero en espiral de alta resistencia.
<b>COVER</b>	Caucho sintético negro, resistente al aceite (policloropreno), con layline codificado por colores.
<b>TEMPERATURE RANGE</b>	-40°F to +250°F (-40°C to +121°C). For water emulsions see








Para fluidos hidráulicos biodegradables. Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G". Probado para los 1.000.000 ciclos de impulso líderes en la industria.

Part No.	Description	Product No.	Standard Pack					
85453	6EFG5K X25FT	4651-4020	1	3/8	.80	5000	20000	2.5
70402	6EFG5KX100REEL	4651-5026	100	3/8	.80	5000	20000	2.5
70871	6EFG5KXCTN	4651-1424	100	3/8	.80	5000	20000	2.5
70160	6EFG5KXREEL	4651-0120	300	3/8	.80	5000	20000	2.5
85454	8EFG5K X25FT	4651-4021	1	1/2	.95	5000	20000	3.5
70403	8EFG5KX100REEL	4651-5027	100	1/2	.95	5000	20000	3.5
70864	8EFG5KXCTN	4651-1372	100	1/2	.95	5000	20000	3.5





## MANGUERA SAE 100R13 - EFG5K

								
70977	8EFG5KXLL	4651-1612	200	1/2	.95	5000	20000	3.5
70161	8EFG5KXREEL	4651-0121	240	1/2	.95	5000	20000	3.5
85455	10EFG5K X25FT	4651-4022	1	5/8	1.09	5000	20000	4.0
70814	10EFG5KXCTN	4651-1340	100	5/8	1.09	5000	20000	4.0
70728	10EFG5KXLL	4651-1390	200	5/8	1.09	5000	20000	4.0
70162	10EFG5KXREEL	4651-0122	200	5/8	1.09	5000	20000	4.0
85456	12EFG5K X25FT	4651-4023	1	3/4	1.24	5000	20000	4.7
70838	12EFG5KXCTN	4651-1285	100	3/4	1.24	5000	20000	4.7
70729	12EFG5KXLL	4651-1391	200	3/4	1.24	5000	20000	4.7
70167	12EFG5KXREEL	4651-0127	200	3/4	1.24	5000	20000	4.7
85457	16EFG5K X25FT	4651-4024	1	1	1.53	5000	20000	6.0
70834	16EFG5KXCTN	4651-1286	100	1	1.53	5000	20000	6.0
70730	16EFG5KXLL	4651-1392	200	1	1.53	5000	20000	6.0
85458	20EFG5K X25FT	4651-4025	1	1 1/4	1.97	5000	20000	8.2
70835	20EFG5KXCTN	4651-1287	50	1 1/4	1.97	5000	20000	8.2
70734	20EFG5KXLL	4651-1393	200	1 1/4	1.97	5000	20000	8.2
85432	24EFG5K X25FT	4651-1742	1	1 1/2	2.26	5000	20000	10.0
71056	24EFG5KXCTN	4651-1455	50	1 1/2	2.26	5000	20000	10.0
	24EFG5KXLL	4651-2208	200	1 1/2	2.26	5000	20000	10.0
85436	32EFG5K X25FT	4651-1746	1	2	2.80	5000	20000	25.0
71059	32EFG5KXCTN	4651-1456	50	2	2.80	5000	20000	25.0
	32EFG5KXLL	4651-0059	200	2	2.80	5000	20000	25.0
	40EFG5K X CRATE*	4651-1817	200	2 1/2	3.35	5000	20000	30.0



## MANGUERA SAE 100R12 - EFG4K

### RECOMMENDED FOR

Aplicaciones de muy alta presión y alto impulso. Supera todos los requisitos de ISO 18752 Grado D \*, SAE 100R12, EN 856 R12 e ISO 3862 Tipo R12. \* (Los tamaños de 3/8", 1/2" y 5/8" superan el rendimiento de ISO 18752 Grado D pero no cumplen con los requisitos de OD). Compatible con fluidos hidráulicos biodegradables como poliéster, políglicol y aceite vegetal, así como con base de petróleo estándar fluidos.



TUBE	Caucho sintético negro, resistente al aceite (nitrilo).
REINFORCEMENT	Cuatro capas alternas de alambre de acero en espiral de alta resistencia.
COVER	Caucho sintético negro, resistente al aceite (policloropreno), con layline codificado por colores.
TEMPERATURE RANGE	-40°F to +250°F (-40°C to +121°C).

Para fluidos hidráulicos biodegradables. Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G". Probado para los 1.000.000 ciclos de impulso líderes en la industria.

Part No.	Description	Product No.	Standard Pack	⊖	⊕	⊖	⊕	⊖
85477	6EFG4K X25FT	4651-4005	1	3/8	.80	4000	16000	2.5
85491	6EFG4K X50FT	4651-1430	1	3/8	.80	4000	16000	2.5
70400	6EFG4KX100REEL	4651-5024	100	3/8	.80	4000	16000	2.5
70811	6EFG4KXCTN	4651-1338	100	3/8	.80	4000	16000	2.5
70157	6EFG4KXREEL	4651-0117	300	3/8	.80	4000	16000	2.5
85478	8EFG4K X25FT	4651-4006	1	1/2	.94	4000	16000	3.5
85492	8EFG4K X50FT	4651-1431	1	1/2	.94	4000	16000	3.5
70401	8EFG4KX100REEL	4651-5025	100	1/2	.94	4000	16000	3.5
70863	8EFG4KXCTN	4651-1339	100	1/2	.94	4000	16000	3.5
70976	8EFG4KXLL	4651-1611	200	1/2	.94	4000	16000	3.5
70158	8EFG4KXREEL	4651-0118	240	1/2	.94	4000	16000	3.5
85479	10EFG4K X25FT	4651-4007	1	5/8	1.09	4000	16000	4.0
70813	10EFG4KXCTN	4651-1367	100	5/8	1.09	4000	16000	4.0
	10EFG4KXLL	4651-1614	200	5/8	1.09	4000	16000	4.0
70159	10EFG4KXREEL	4651-0119	200	5/8	1.09	4000	16000	4.0
85480	12EFG4K X25FT	4651-4011	1	3/4	1.21	4000	16000	4.7
85494	12EFG4K X50FT	4651-1432	1	3/4	1.21	4000	16000	4.7
70831	12EFG4KXCTN	4651-1282	100	3/4	1.21	4000	16000	4.7
70717	12EFG4KXLL	4651-1385	200	3/4	1.21	4000	16000	4.7
70166	12EFG4KXREEL	4651-0126	200	3/4	1.21	4000	16000	4.7
85481	16EFG4K X25FT	4651-4012	1	1	1.50	4000	16000	6.0
85495	16EFG4K X50FT	4651-1433	1	1	1.50	4000	16000	6.0
70807	16EFG4K X100FT	4651-1460	100	1	1.50	4000	16000	6.0
70832	16EFG4KXCTN	4651-1283	100	1	1.50	4000	16000	6.0
70718	16EFG4KXLL	4651-1386	200	1	1.50	4000	16000	6.0
85482	20EFG4K X25FT	4651-4013	1	1 1/4	1.85	4000	16000	8.2
85438	20EFG4K X50FT	4651-1520	1	1 1/4	1.85	4000	16000	8.2
70833	20EFG4KXCTN	4651-1284	50	1 1/4	1.85	4000	16000	8.2
70719	20EFG4KXLL	4651-1387	200	1 1/4	1.85	4000	16000	8.2
	48EFG4K X CRATE*	4651-1818	200	3	3.86	4000	16000	35.0



## MANGUERA SAE 100R12 - EFG4K MEGATUFF® COVER

RECOMMENDED FOR	Aplicaciones extremadamente abrasivas de muy alta presión y alto impulso. Supera todos los requisitos de ISO 18752 Grado D *, SAE 100R12, EN 856 R12 e ISO 3862 Tipo R12. * (Los tamaños de 3/8", 1/2" y 5/8" superan el rendimiento de ISO 18752 Grado D pero no cumplen con los requisitos de OD). Compatible con fluidos hidráulicos biodegradables como poliolester, poliglicol y aceite vegetal, así como con base de petróleo estándar fluidos
TUBE	Caucho sintético negro, resistente al aceite (nitrilo).
REINFORCEMENT	Cuatro capas alternas de alambre de acero en espiral de alta resistencia.
COVER	Cubierta MegaTuff® negra, resistente al aceite, a la abrasión y a la intemperie con línea de disposición codificada por colores.
TEMPERATURE RANGE	-40°F to +250°F (-40°C to +121°C). For water emulsions see



Para fluidos hidráulicos biodegradables. Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G". La manguera MegaTuff® dura hasta 300 veces más que la manguera estándar durante las pruebas de abrasión de manguera a manguera y de manguera a metal según la norma ISO 6945. Probado según la norma líder en la industria de 1.000.000 de ciclos de impulso.

Part No.	Description	Product No.	Standard Pack						
85483	6EFG4K-MTF X25FT	4651-4014	1	3/8	.80	4000	16000	2.5	
70945	6EFG4K-MTFXCTN	4651-1610	100	3/8	.80	4000	16000	2.5	
85484	8EFG4K-MTF X25FT	4651-4015	1	1/2	.94	4000	16000	3.5	
70946	8EFG4K-MTFXCTN	4651-1607	100	1/2	.94	4000	16000	3.5	
85485	10EFG4K-MTF X25FT	4651-4016	1	5/8	1.09	4000	16000	4.0	
70947	10EFG4K-MTFXCTN	4651-1404	100	5/8	1.09	4000	16000	4.0	
85486	12EFG4K-MTF X25FT	4651-4017	1	3/4	1.21	4000	16000	4.7	
70877	12EFG4K-MTFXCTN	4651-1405	100	3/4	1.21	4000	16000	4.7	
70726	12EFG4K-MTFXLL	4651-1388	200	3/4	1.21	4000	16000	4.7	
85487	16EFG4K-MTF X25FT	4651-4018	1	1	1.50	4000	16000	6.0	
70948	16EFG4K-MTFXCTN	4651-1406	100	1	1.50	4000	16000	6.0	
70727	16EFG4K-MTFXLL	4651-1389	200	1	1.50	4000	16000	6.0	
85488	20EFG4K-MTF X25FT	4651-4019	1	1 1/4	1.85	4000	16000	8.2	
70949	20EFG4K-MTFXCTN	4651-1602	50	1 1/4	1.85	4000	16000	8.2	
	20EFG4K-MTFXLL	4651-1638	200	1 1/4	1.85	4000	16000	8.2	



## MANGUERA SAE 100R12 - EFG3K

### RECOMMENDED FOR

Aplicaciones de muy alta presión y alto impulso. Supera todos los requisitos de ISO 18752 Grado D, SAE 100R12, EN 856 R12 y los requisitos de rendimiento de EN 856 4SP e ISO 3862 Tipo R12. Compatible con fluidos hidráulicos biodegradables como poliéster, poliglícol y aceite vegetal, así como con fluidos estándar a base de petróleo.



### TUBE

Caucho sintético negro, resistente al aceite (nitrilo).

### REINFORCEMENT

Cuatro capas alternas de alambre de acero en espiral de alta resistencia.

### COVER

Caucho sintético negro, resistente al aceite (policloropreno), con layline codificado por colores.

### TEMPERATURE RANGE

-40°F to +250°F (-40°C to +121°C). For water emulsions see

Para fluidos hidráulicos biodegradables. Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G". Probado para los 1.000.000 ciclos de impulso líderes en la industria.

Part No.	Description	Product No.	Standard Pack	⊖	⊕	⊙	⊙	⊙
85489	20EFG3K X25FT	4651-4003	1	1 1/4	1.85	3000	12000	8.2
85497	20EFG3K X50FT	4651-1434	1	1 1/4	1.85	3000	12000	8.2
70539	20EFG3KXCTN	4651-1381	100	1 1/4	1.85	3000	12000	8.2
70707	20EFG3KXLL	4651-1384	200	1 1/4	1.85	3000	12000	8.2
85430	24EFG3K X25FT	4651-1740	1	1 1/2	2.11	3000	12000	10.0
71054	24EFG3KXCTN	4651-1451	50	1 1/2	2.11	3000	12000	10.0
	24EFG3KXLL	4651-2207	200	1 1/2	2.11	3000	12000	10.0
85434	32EFG3K X25FT	4651-1744	1	2	2.63	3000	12000	12.5
	32EFG3KX50INC	4651-2209	200	2	2.63	3000	12000	12.5
71058	32EFG3KXCTN	4651-1452	50	2	2.63	3000	12000	12.5
70265	32EFG3KXLL	4651-2210	200	2	2.63	3000	12000	12.5



## MANGUERA - SAE 100R19 - GLOBAL M4K

RECOMMENDED FOR	Aplicaciones hidráulicas de alta presión. Supera las normas ISO 18752 Grado B, SAE 100R19 e ISO 11237 R19. Permite un radio de curvatura mínimo más cerrado, una mayor presión de trabajo y ciclos de impulso mejorados que los estándares de la industria. Proporciona mayor rendimiento, flexibilidad, enrutamiento y plomería más fáciles de plataformas hidráulicas móviles y estacionarias.
TUBE	Caucho sintético negro, resistente al aceite (nitrilo).
REINFORCEMENT	Dos trenzas de alambre de acero de alta resistencia.
COVER	Caucho sintético negro, resistente al aceite, a la abrasión y a la intemperie (nitrilo y PVC), con layline codificado por colores.
TEMPERATURE RANGE	-40°F to +212°F (-40°C to +100°C).



Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G" e ISO 11237 R19. Probado con 600.000 ciclos de impulso líderes en la industria.

Part No.	Description	Product No.	Standard Pack					
85616	4M4K X50FT	4657-1238	1	1/4	.55	4000	16000	1.5
	4M4KXBALE	4657-5779	5600	1/4	.55	4000	16000	1.5
70829	4M4KXREEL	4657-1467	440	1/4	.55	4000	16000	1.5
70457	5M4KXREEL	4657-8015	350	5/16	.61	4000	16000	1.8
85617	6M4K X50FT	4657-4867	1	3/8	.70	4000	16000	2.0
	6M4KXBALE	4657-5775	3800	3/8	.70	4000	16000	2.0
70821	6M4KXREEL	4657-1458	330	3/8	.70	4000	16000	2.0
85618	8M4K X50FT	4657-4868	1	1/2	.82	4000	16000	2.8
	8M4KXBALE	4657-5776	2200	1/2	.82	4000	16000	2.8
70822	8M4KXREEL	4657-1459	220	1/2	.82	4000	16000	2.8
85619	10M4K X50FT	4657-4869	1	5/8	.99	4000	16000	3.0
	10M4KXBALE	4657-5777	1750	5/8	.99	4000	16000	3.0
70823	10M4KXREEL	4657-1460	220	5/8	.99	4000	16000	3.0
85620	12M4K X50FT	4657-4870	1	3/4	1.17	4000	16000	3.8
	12M4KXBALE	4657-5778	1250	3/4	1.17	4000	16000	3.8
70824	12M4KXREEL	4657-1461	220	3/4	1.17	4000	16000	3.8
71064	16M4KXREEL	4657-4051	165	1	1.52	4000	16000	4.5



## MANGUERA - SAE 100R19 - GLOBAL M4KH MEGA4000™ PARA ALTA TEMPERATURA

### RECOMMENDED FOR

Aplicaciones hidráulicas de alta presión a temperaturas elevadas. Supera las normas ISO 18752 Grado C, SAE 100R19 e ISO 11237 R19. Permite un radio de curvatura mínimo más cerrado, una mayor presión de trabajo y ciclos de impulso mejorados que los estándares de la industria. Proporciona mayor rendimiento, flexibilidad, enrutamiento y plomería más fáciles de plataformas hidráulicas móviles y estacionarias.



### TUBE

Caucho sintético negro, resistente al aceite (nitrilo).

### REINFORCEMENT

Dos trenzas de alambre de acero de alta resistencia.

### COVER

Caucho sintético negro, resistente al aceite, a la abrasión y a la intemperie (Policloropreno), con layline codificado por colores.

### TEMPERATURE RANGE

-40°F to +250°F (-40°C to +121°C). For water emulsions see

Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G" e ISO 11237 R19. Probado con 600.000 ciclos de impulso líderes en la industria.

Part No.	Description	Product No.	Standard Pack					
85540	4M4KH X50FT	4657-4098	1	1/4	.55	4000	16000	2.0
70901	4M4KH XREEL	4657-2381	440	1/4	.55	4000	16000	2.0
85546	6M4KH X50FT	4657-4099	1	3/8	.70	4000	16000	2.5
70902	6M4KH XREEL	4657-2383	330	3/8	.70	4000	16000	2.5
85547	8M4KH X50FT	4657-4100	1	1/2	.82	4000	16000	3.5
70903	8M4KH XREEL	4657-2384	220	1/2	.82	4000	16000	3.5
85548	10M4KH X50FT	4657-4101	1	5/8	.99	4000	16000	4.0
70904	10M4KH XREEL	4657-2385	220	5/8	.99	4000	16000	4.0
85549	12M4KH X50FT	4657-2619	1	3/4	1.17	4000	16000	4.7
70905	12M4KH XREEL	4657-2386	220	3/4	1.17	4000	16000	4.7



## MANGUERA - SAE 100R16- SAE 100R2 - M2T® MEGAFLEX®

### RECOMMENDED FOR

Tuberías de aceite hidráulico de alta presión. Supera los requisitos de SAE 100R16, SAE 100R2, ISO 11237 2SC R16 e ISO 1436 2SN R2 y los requisitos de rendimiento de EN 857 2SC y EN 853 2SN. La manguera M2T tiene dimensiones exteriores más pequeñas y un radio de curvatura significativamente más estrecho.



### TUBE

Caucho sintético negro, resistente al aceite (nitrilo).

### REINFORCEMENT

Dos trenzas de alambre de acero de alta resistencia.

### COVER

Caucho sintético negro, resistente al aceite, a la abrasión y a la intemperie (nitrilo y PVC), con layline codificado por colores.

### TEMPERATURE RANGE

-40°F to +212°F (-40°C to +100°C).

Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G" e ISO 11237 2SC R16. Probado con 600.000 ciclos de impulso líderes en la industria.

Part No.	Description	Product No.	Standard Pack	⊖	⊕	⊙	⊚	⊛
85600	4M2T X50FT	4657-1553	1	1/4	.56	6000	24000	1.5
71102	4M2TX150REEL	4657-4422	150	1/4	.56	6000	24000	1.5
	4M2TXBALE	4657-5728	5600	1/4	.56	6000	24000	1.5
70390	4M2TXREEL	4657-1552	550	1/4	.56	6000	24000	1.5
85601	6M2T X50FT	4657-1550	1	3/8	.70	5000	20000	2.0
70260	6M2TX100REEL	4657-4607	100	3/8	.70	5000	20000	2.0
	6M2TXBALE	4657-5729	3000	3/8	.69	5000	20000	2.0
	6M2TXLRG REEL	4657-1492	1500	3/8	.70	5000	20000	2.0
70391	6M2TXREEL	4657-1555	385	3/8	.70	5000	20000	2.0
85602	8M2TX50FT	4657-1561	1	1/2	.82	4300	17200	2.8
70261	8M2TX100REEL	4657-4608	100	1/2	.82	4300	17200	2.8
	8M2TXBALE	4657-5730	2500	1/2	.82	4300	17200	2.8
	8M2TXLRG REEL	4657-1493	1000	1/2	.82	4300	17200	2.8
70392	8M2TXREEL	4657-1559	330	1/2	.82	4300	17200	2.8
85603	10M2T X50FT	4657-1564	1	5/8	.95	3800	15200	3.0
	10M2TXBALE	4657-5577	1750	5/8	.95	3800	15200	3.0
70393	10M2TXREEL	4657-1563	220	5/8	.95	3800	15200	3.0
85604	12M2T X50FT	4657-1568	1	3/4	1.11	3500	14000	3.8
70262	12M2TX50REEL	4657-4609	50	3/4	1.11	3500	14000	3.8
	12M2TXBALE	4657-5732	1500	3/4	1.11	3500	14000	3.8
70394	12M2TXREEL	4657-1567	220	3/4	1.11	3500	14000	3.8
85605	16M2T X50FT	4657-1572	1	1	1.39	2500	10000	4.5
70395	16M2TXREEL	4657-1571	165	1	1.39	2500	10000	4.5
80302	20M2T X25FT	4657-4540	1	1 1/4	1.67	2300	9200	8.3
70025	20M2TXCTN	4657-4534	120	1 1/4	1.67	2300	9200	8.3
80048	24M2T X25FT	4657-4610	1	1 1/2	2.00	2000	8000	10.0
80303	24M2T X50FT	4657-4541	1	1 1/2	2.00	2000	8000	10.0
70145	24M2TXCTN	4657-4491	120	1 1/2	2.00	2000	8000	10.0
80049	32M2T X25FT	4657-4611	1	2	2.53	1500	6000	12.5
80304	32M2T X50FT	4657-4542	1	2	2.53	1500	6000	12.5
70146	32M2TXCTN	4657-4492	120	2	2.53	1500	6000	12.5








## MANGUERA SAE 100R2 - GLOBAL G2

<b>RECOMMENDED FOR</b>	Tuberías de aceite hidráulico de alta presión. Cumple o supera los requisitos de SAE 100R2, ISO 1436 2SN R2 y EN 853 2SN.
<b>TUBE</b>	Caucho sintético negro, resistente al aceite (nitrilo).
<b>REINFORCEMENT</b>	Dos trenzas de alambre de acero de alta resistencia.
<b>COVER</b>	Caucho sintético negro, resistente al aceite y a la abrasión (Nitrilo y PVC).
<b>TEMPERATURE RANGE</b>	-40°F to +212°F (-40°C to +100°C).



Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G".

Part No.	Description	Product No.	Standard Pack					
86620	3G2 X50FT	4657-0029	1	3/16	.52	6025	24100	3.5
70233	3G2XREEL	4657-2182	440	3/16	.52	6025	24100	3.5
86621	4G2 X50FT	4657-4941	1	1/4	.59	5800	23200	4.0
71101	4G2X150REEL	4657-4421	150	1/4	.59	5800	23200	4.0
	4G2XBALE	4657-5708	4000	1/4	.59	5800	23200	4.0
70605	4G2XREEL	4657-0125	550	1/4	.59	5800	23200	4.0
86622	6G2 X50FT	4657-4916	1	3/8	.74	4800	19200	5.0
86632	6G2 X100FT	4657-4906	1	3/8	.74	4800	19200	5.0
	6G2XBALE	4657-5709	3000	3/8	.74	4800	19200	5.0
70606	6G2XREEL	4657-0126	400	3/8	.74	4800	19200	5.0
86623	8G2 X50FT	4657-4918	1	1/2	.86	4000	16000	7.0
86634	8G2 X100FT	4657-4908	1	1/2	.86	4000	16000	7.0
	8G2XBALE	4657-5710	2250	1/2	.86	4000	16000	7.0
70607	8G2XREEL	4657-0127	330	1/2	.86	4000	16000	7.0
86626	10G2 X50FT	4657-1965	1	5/8	.99	3625	14500	8.0
	10G2XBALE	4657-5711	1800	5/8	.99	3625	14500	8.0
70610	10G2XREEL	4657-0132	220	5/8	.99	3625	14500	8.0
86624	12G2 X50FT	4657-4943	1	3/4	1.15	3100	12400	9.5
86635	12G2 X50FT REEL	4657-4909	1	3/4	1.15	3100	12400	9.5
	12G2XBALE	4657-5712	1250	3/4	1.15	3100	12400	9.5
70608	12G2XREEL	4657-0128	220	3/4	1.15	3100	12400	9.5
86625	16G2 X50FT	4657-4945	1	1	1.48	2400	9600	12.0
	16G2XBALE	4657-1094	700	1	1.48	2400	9600	12.0
70609	16G2XREEL	4657-0129	165	1	1.48	2400	9600	12.0





## MANGUERA SAE 100R2 - PARA ALTA TEMPERATURA - GLOBAL G2H

<b>RECOMMENDED FOR</b>	Tuberías de aceite hidráulico de alta presión y alta temperatura. Cumple o supera los requisitos de SAE 100R2, ISO 1436 2SN R2 y EN 853 2SN.
<b>TUBE</b>	Caucho sintético negro, resistente al aceite (nitrilo).
<b>REINFORCEMENT</b>	Dos trenzas de alambre de acero de alta resistencia.
<b>COVER</b>	Caucho sintético (CSM) negro resistente al aceite.
<b>TEMPERATURE RANGE</b>	-40 ° F a + 275 ° F (-40 ° C a + 135 ° C) constante y + 300 ° F (+ 149 ° C) intermitente (hasta el 10% del tiempo de funcionamiento).



Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G".

Part No.	Description	Product No.	Standard Pack					
86520	20G2H X50FT	4657-0925	1	1 1/4	1.86	1825	6500	16.5
70230	20G2HXCTN	4657-0930	120	1 1/4	1.86	1825	6500	16.5
85427	24G2H X25FT	4657-4331	1	1 1/2	2.11	1300	5200	20.0
86518	24G2H X50FT	4657-0927	1	1 1/2	2.11	1300	5200	20.0
70241	24G2HXCTN	4657-0931	120	1 1/2	2.11	1300	5200	20.0
85428	32G2H X25FT	4657-4332	1	2	2.62	1175	4700	25.0
86519	32G2H X50FT	4657-0926	1	2	2.62	1175	4700	25.0
70242	32G2HXCTN	4657-0932	120	2	2.62	1175	4700	25.0

## MANGUERA SAE 100R2 PARA EXTREMA TEMPERATURA - GLOBAL G2XH

<b>RECOMMENDED FOR</b>	Aplicaciones hidráulicas de alta presión de temperatura extremadamente alta donde los requisitos de presión o temperatura exceden SAE 100R2, ISO 1436 2SN R2 y EN 853 2SN o donde se requiere resistencia a fluidos a base de petróleo o ésteres de fosfato. Cumple con los requisitos SAE J1942.
<b>TUBE</b>	Caucho sintético (CPE) negro, resistente al aceite y químicos.
<b>REINFORCEMENT</b>	Dos trenzas de alambre de acero de alta resistencia.
<b>COVER</b>	Caucho sintético fino (CSM) azul, resistente al aceite y a la abrasión.
<b>TEMPERATURE RANGE</b>	Fluidos a base de petróleo: -40 ° F a + 300 ° F (-40 ° C a + 149 ° C). Fluidos de ésteres de fosfato según lo recomendado por el fabricante del fluido, pero dentro de un rango de -40 ° F a + 212 ° F. Para emulsiones de agua: Max. + 225 ° F Líneas de presión, máx. + 180 ° F Líneas de retorno.



Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G".

Part No.	Description	Product No.	Standard Pack					
85798	4G2XH X50FT	4657-4008	1	1/4	.59	6000	24000	4.0
70966	4G2HXREEL	4657-2541	550	1/4	.59	6000	24000	4.0
85799	6G2XH X50FT	4657-4009	1	3/8	.74	5000	20000	5.0
70967	6G2HXREEL	4657-2542	400	3/8	.74	5000	20000	5.0
85800	8G2XH X50FT	4657-4010	1	1/2	.86	4250	17000	7.0



## MANGUERA SAE 100R2 PARA EXTREMA TEMPERATURA - GLOBAL G2XH

Part No.	Description	Product No.	Standard Pack					
70968	8G2XHREEL	4657-2543	330	1/2	.86	4250	17000	7.0
85801	10G2XH X50FT	4657-4011	1	5/8	.99	3625	14500	8.0
70803	10G2XHREEL	4657-2544	220	5/8	.99	3625	14500	8.0
85802	12G2XH X50FT	4657-4012	1	3/4	1.15	3100	12400	9.5
70909	12G2XHREEL	4657-2545	220	3/4	1.15	3100	12400	9.5
85803	16G2XH X50FT	4657-4013	1	1	1.48	2500	10000	12.0
70878	16G2XHREEL	4657-2546	165	1	1.48	2500	10000	12.0
70990	20G2XHCTN	4657-4988	130	1 1/4	1.86	2250	9000	16.5
70988	24G2XHCTN	4657-4989	130	1 1/2	2.15	1800	7200	20.0
70989	32G2XHCTN	4657-4990	130	2	2.65	1500	6000	25.0

## MANGUERA SAE 100R2 PARA BAJA TEMPERATURA - G2L POLARFLEX® HOSE

RECOMMENDED FOR	Tuberías de aceite hidráulico de baja temperatura y alta presión. Cumple o supera los requisitos de SAE 100R2, ISO 1436 2SN R2 y EN 853 2SN. Calificado para Mil-DTL-13531 Tipo II Clase B.
TUBE	Caucho sintético negro, resistente al aceite (nitrilo).
REINFORCEMENT	Dos trenzas de alambre de acero de alta resistencia.
COVER	Caucho sintético fino negro, resistente al aceite y a la abrasión (policloropreno).
TEMPERATURE RANGE	-70°F to +212°F (-57°C to +100°C). ee



Part No.	Description	Product No.	Standard Pack					
85732	4G2L X50FT	4657-2475	1	1/4	.59	5800	23200	4.0
70286	4G2LXREEL	4657-2202	440	1/4	.59	5800	23200	4.0
85733	6G2L X50FT	4657-2476	1	3/8	.74	4800	19200	5.0
70287	6G2LXREEL	4657-2203	385	3/8	.74	4800	19200	5.0
85734	8G2L X50FT	4657-2477	1	1/2	.86	4000	16000	7.0
70290	8G2LXREEL	4657-2204	330	1/2	.86	4000	16000	7.0
85735	10G2L X50FT	4657-2478	1	5/8	.99	3625	14500	8.0
70291	10G2LXREEL	4657-2205	220	5/8	.99	3625	14500	8.0
85736	12G2L X50FT	4657-2479	1	3/4	1.15	3100	12400	9.5
70292	12G2LXREEL	4657-2206	220	3/4	1.15	3100	12400	9.5
85737	16G2L X50FT	4657-2480	1	1	1.48	2400	9600	12.0
70293	16G2LXREEL	4657-2207	165	1	1.48	2400	9600	12.0
85707	20G2L X50FT	4657-4102	1	1 1/4	1.84	1825	7300	16.5
70294	20G2LXCTN	4657-2208	120	1 1/4	1.84	1825	7300	16.5
85708	24G2L X50FT	4657-4103	1	1 1/2	2.12	1300	5200	20.0
70314	24G2LXCTN	4657-2315	120	1 1/2	2.12	1300	5200	20.0
85709	32G2L X50FT	4657-4104	1	2	2.62	1175	4700	25.0
70315	32G2LXCTN	4657-2316	120	2	2.62	1175	4700	25.0



## MANGUERA SAE 100R1 - GLOBAL G1

<b>RECOMMENDED FOR</b>	Tuberías hidráulicas de media presión. Cumple o supera los requisitos de SAE 100R1, ISO 1436 1SNR1 y EN 853 1SN.
<b>TUBE</b>	Caucho sintético negro, resistente al aceite (nitrilo).
<b>REINFORCEMENT</b>	Una trenza de alambre de acero de alta resistencia.
<b>COVER</b>	Caucho sintético negro, resistente al aceite y a la abrasión (Nitrilo y PVC).
<b>TEMPERATURE RANGE</b>	-40°F to +212°F (-40°C to +100°C).



Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G".

Part No.	Description	Product No.	Standard Pack					
	3G1XBALE	4657-5700	7600	3/16	.47	3625	14500	3.0
70200	3G1XCTN	4657-0618	800	3/16	.47	3625	14500	3.0
70611	3G1XREEL	4657-0599	440	3/16	.47	3625	14500	3.0
86611	4G1 X50FT	4657-4940	1	1/4	.53	3275	13100	4.0
	4G1XBALE	4657-5717	5600	1/4	.53	3275	13100	4.0
70600	4G1XREEL	4657-0120	440	1/4	.53	3275	13100	4.0
70199	5G1XCTN	4657-0031	550	5/16	.60	3125	12500	4.5
70970	5G1XREEL	4657-0116	350	5/16	.60	3125	12500	4.5
86612	6G1 X50FT	4657-4915	1	3/8	.68	2600	10400	5.0
86631	6G1 X100FT	4657-4905	1	3/8	.68	2600	10400	5.0
	6G1XBALE	4657-5703	3800	3/8	.68	2600	10400	5.0
70601	6G1XREEL	4657-0121	385	3/8	.68	2600	10400	5.0
86613	8G1 X50FT	4657-4917	1	1/2	.80	2325	9300	7.0
86633	8G1 X100FT	4657-4907	1	1/2	.80	2325	9300	7.0
	8G1XBALE	4657-5704	2800	1/2	.80	2325	9300	7.0
	8G1XLG REEL	4657-2645	500	1/2	.80	2325	9300	7.0
70602	8G1XREEL	4657-0122	330	1/2	.80	2325	9300	7.0
	10G1XBALE	4657-5705	1550	5/8	.93	1900	7600	8.0
70612	10G1XREEL	4657-0115	220	5/8	.93	1900	7600	8.0
86614	12G1 X50FT	4657-4942	1	3/4	1.09	1525	6100	9.0
	12G1XBALE	4657-5706	1400	3/4	1.09	1525	6100	9.0
70603	12G1XREEL	4657-0123	220	3/4	1.09	1525	6100	9.0
86615	16G1 X50FT	4657-4944	1	1	1.40	1300	5200	12.0
	16G1XBALE	4657-5707	700	1	1.40	1300	5200	12.0
70604	16G1XREEL	4657-0124	165	1	1.40	1300	5200	12.0
	20G1XBALE	4657-5702	600	1 1/4	1.71	925	3700	16.0
70271	20G1XCTN	4657-0646	120	1 1/4	1.71	925	3700	16.0
70278	24G1XCTN	4657-2489	120	1 1/2	1.96	725	2900	20.0
70279	32G1XCTN	4657-2490	120	2	2.51	600	2400	25.0



## MANGUERA SAE 100R1 PARA ALTA TEMPERATURA - GLOBAL G1H

<b>RECOMMENDED FOR</b>	Tuberías de aceite hidráulico de alta temperatura y media presión. Cumple o supera los requisitos de SAE 100R1 Tipo AT.
<b>TUBE</b>	Caucho sintético negro, resistente al aceite (nitrilo).
<b>REINFORCEMENT</b>	Una trenza de alambre de acero de alta resistencia.
<b>COVER</b>	Caucho sintético (CSM) negro, resistente al aceite y a la abrasión.
<b>TEMPERATURE RANGE</b>	-40 ° F a + 275 ° F (-40 ° C a + 135 ° C) constante y + 300 ° F (+ 149 ° C) intermitente (hasta el 10% del tiempo de funcionamiento).



Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G".

Part No.	Description	Product No.	Standard Pack	⌀	⌀	⌚	⌚	⌚
85922	4G1H X50FT	4657-4105	1	1/4	.53	2750	11000	4.0
70755	4G1HXREEL	4657-2175	440	1/4	.53	2750	11000	4.0
85923	6G1H X50FT	4657-4106	1	3/8	.69	2250	9000	5.0
70756	6G1HXREEL	4657-2176	385	3/8	.69	2250	9000	5.0
85924	8G1H X50FT	4657-4107	1	1/2	.80	2000	8000	7.0
70757	8G1HXREEL	4657-2177	330	1/2	.80	2000	8000	7.0
85925	10G1H X50FT	4657-4108	1	5/8	.94	1500	6000	8.0
70758	10G1HXREEL	4657-2178	220	5/8	.94	1500	6000	8.0
85938	12G1H X50FT	4657-2617	1	3/4	1.10	1250	5000	9.5
	12G1HXBAL	4657-2536	1500	3/4	1.10	1250	5000	9.5
70759	12G1HXREEL	4657-2179	220	3/4	1.10	1250	5000	9.5
85934	16G1H X50FT	4657-4109	1	1	1.41	1000	4000	12.0
70760	16G1HXREEL	4657-2180	165	1	1.41	1000	4000	12.0
85935	20G1H X50FT	4657-4110	1	1 1/4	1.71	925	3700	16.0
70211	20G1HXCTN	4657-0940	120	1 1/4	1.71	925	3700	16.0
85936	24G1H X50FT	4657-4111	1	1 1/2	1.96	725	2900	20.0
70212	24G1HXCTN	4657-0934	120	1 1/2	1.96	725	2900	20.0
85937	32G1H X50FT	4657-4112	1	2	2.51	600	2400	25.0
70213	32G1HXCTN	4657-0935	120	2	2.51	600	2400	25.0



## MANGUERA SAE 100R7 -TH7

### RECOMMENDED FOR

Fluidos hidráulicos de petróleo, base agua y sintéticos. Las aplicaciones incluyen: equipos móviles eléctricos y telefónicos, líneas de lubricación, líneas de control de prevención de reventones, elevadores hidráulicos y maquinaria agrícola y de construcción. La manguera TH7 cumple o supera los requisitos de rendimiento de SAE 100R7 con un radio de curvatura significativamente más estrecho.



### TUBE

Nylon 100% sin costuras que maneja fácilmente una amplia gama de fluidos hidráulicos, incluidos ésteres de fosfato y agua glicol.

### REINFORCEMENT






Fibra sintética.

### COVER

Uretano negro que resiste los fluidos hidráulicos, las altas temperaturas, el envejecimiento y la intemperie. El TH7 negro está perforado para uso en servicios hidráulicos y neumáticos en general.

### TEMPERATURE RANGE

-65 ° F a + 200 ° F (-54 ° C a + 93 ° C) servicio continuo para aceites sintéticos y de petróleo.  
Máximo de + 158 ° F (+ 70 ° C) para agua, emulsiones de agua / aceite y agua glicol.

Part No.	Description	Product No.	Standard Pack					
71011	2TH7XCTN	4467-1154	250	1/8	.32	3000	12000	.50
85401	3TH7 X50FT	4467-1194	1	3/16	.41	3000	12000	.75
71012	3TH7XCTN	4467-1155	250	3/16	.41	3000	12000	.75
85402	4TH7 X50FT	4467-1195	1	1/4	.50	2750	11000	1.5
71013	4TH7XCTN	4467-1157	250	1/4	.50	2750	11000	1.5
85403	5TH7 X50FT	4467-1160	1	5/16	.56	2500	10000	2.25
71014	5TH7XCTN	4467-1159	250	5/16	.56	2500	10000	2.25
85404	6TH7 X50FT	4467-1162	1	3/8	.64	2250	9000	2.75
71015	6TH7XCTN	4467-1161	250	3/8	.64	2250	9000	2.75
85405	8TH7 X50FT	4467-1164	1	1/2	.80	2000	8000	3.75
71021	8TH7XCTN	4467-1207	250	1/2	.80	2000	8000	3.75
85406	12TH7 X50FT	4467-1193	1	3/4	1.05	1250	5000	5.0
71070	12TH7XCTN	4467-1165	200	3/4	1.05	1250	5000	5.0
85407	16TH7 X50FT	4467-1197	1	1	1.32	1000	4000	8.0
71071	16TH7XCTN	4467-1196	200	1	1.32	1000	4000	8.0



## MANGUERA SAE 100R7 NO CONDUCTIVA - TH7NC NON CONDUCTIVE 100R7

### THERMOPLASTIC

#### RECOMMENDED FOR

Fluidos hidráulicos de petróleo y sintéticos. Las aplicaciones incluyen: equipos móviles eléctricos y telefónicos, líneas de lubricación, líneas de control de prevención de reventones, elevadores hidráulicos y maquinaria agrícola y de construcción. El color naranja TH7NC cumple con los requisitos de no conductividad SAE 100R7 y cumple o supera los requisitos de rendimiento de SAE 100R7 con un radio de curvatura significativamente más estrecho. Cumple con ANSI A92.2 para dispositivos aéreos montados en vehículos.



#### TUBE

2, -12 y -16: Nylon 100% sin costuras que maneja fácilmente una amplia gama de fluidos hidráulicos, incluidos ésteres de fosfato y agua glicol, 3 a -8 Poliéster.

#### REINFORCEMENT

Fibra sintética y nylon (solo -2).

#### COVER

Uretano naranja que resiste los fluidos hidráulicos, las altas temperaturas, el envejecimiento y la intemperie. Orange TH7NC no está perforado para aplicaciones que requieren no conductividad eléctrica. Cumple con la prueba de conductividad eléctrica SAE 100R7. La fuga máxima no debe exceder los 50 microamperios cuando se somete a 75 kV / Ft. por cinco minutos. (El naranja es un color aceptado por la industria para mangueras no conductoras).

#### TEMPERATURE RANGE

-65 ° F a + 200 ° F (-54 ° C a + 93 ° C) servicio continuo para aceites sintéticos y de petróleo. Máximo de + 158 ° F (+ 70 ° C) para agua, emulsiones de agua / aceite y agua glicol.

Part No.	Description	Product No.	Standard Pack	⊖	⊕	⊙	⊙	⊙
71072	2TH7NCXCTN	4467-1166	250	1/8	.32	3000	12000	.50
85408	3TH7NC X50FT	4467-1205	1	3/16	.41	3000	12000	.75
71073	3TH7NCXCTN	4467-1167	250	3/16	.41	3000	12000	.80
85409	4TH7NC X50FT	4467-1170	1	1/4	.50	2750	11000	1.5
71016	4TH7NCXCTN	4467-1169	250	1/4	.50	2750	11000	1.5
85410	5TH7NC X50FT	4467-1172	1	5/16	.56	2500	10000	2.25
71074	5TH7NCXCTN	4467-1171	250	5/16	.56	2500	10000	2.25
85411	6TH7NC X50FT	4467-1174	1	3/8	.64	2250	9000	2.75
71017	6TH7NCXCTN	4467-1173	250	3/8	.64	2250	9000	2.75
85412	8TH7NC X50FT	4467-1206	1	1/2	.80	2000	8000	3.75
71018	8TH7NCXCTN	4467-1175	250	1/2	.80	2000	8000	3.75
85413	12TH7NC X50FT	4467-1200	1	3/4	1.05	1250	5000	5.0
71075	12TH7NCXCTN	4467-1177	200	3/4	1.05	1250	5000	5.0
85414	16TH7NC X50FT	4467-1199	1	1	1.32	1000	4000	6.5
71076	16TH7NCXCTN	4467-1198	200	1	1.32	1000	4000	6.5

## MANGUERA SAE 100R7 DUAL - TH7DL

### RECOMMENDED FOR

Fluidos hidráulicos de petróleo, base agua y sintéticos. Las aplicaciones incluyen: equipos móviles eléctricos y telefónicos (recolectores de cerezas), líneas de lubricación, líneas de control de prevención de reventones, elevadores hidráulicos y maquinaria agrícola y de construcción. La manguera TH7DL cumple o supera los requisitos de rendimiento de SAE 100R7 con un radio de curvatura significativamente más estrecho.

### TUBE

Nylon 100% sin costuras que maneja fácilmente una amplia gama de fluidos hidráulicos, incluidos ésteres de fosfato y agua glicol.

### REINFORCEMENT

Fibra sintética.

### COVER

Uretano negro que resiste los fluidos hidráulicos, las altas temperaturas, el envejecimiento y la intemperie. El TH7DL negro está perforado para uso en servicios hidráulicos y neumáticos en general.

### TEMPERATURE RANGE

-65 ° F a + 200 ° F (-54 ° C a + 93 ° C) servicio continuo para aceites sintéticos y de petróleo. Máximo de + 158 ° F (+ 70 ° C) para agua, emulsiones de agua / aceite y agua glicol.



Part No.	Description	Product No.	Standard Pack					
71084	4TH7DLXCTN	4472-0220	250	1/4	.50	2750	11000	1.5
85422	5TH7DL X50FT	4472-0222	1	5/16	.56	2500	10000	2.25
71085	5TH7DLXCTN	4472-0221	250	5/16	.56	2500	10000	2.25
71022	6TH7DLXCTN	4472-0223	250	3/8	.64	2250	9000	2.75
71086	8TH7DLXCTN	4472-0224	250	1/2	.80	2000	8000	3.75

## MANGUERA SAE 100R7 DUAL NO CONDUCTIVA - TH7NCDL

### RECOMMENDED FOR

Fluidos hidráulicos de petróleo, base agua y sintéticos. Las aplicaciones incluyen: equipos móviles eléctricos y telefónicos (recolectores de cerezas), líneas de lubricación, líneas de control de prevención de reventones, elevadores hidráulicos y maquinaria agrícola y de construcción. El color naranja TH7NCDL cumple con los requisitos de no conductividad SAE 100R7 y cumple o supera los requisitos de rendimiento de SAE 100R7 con un radio de curvatura significativamente más estrecho. Cumple con ANSI A92.2 para dispositivos aéreos montados en vehículos.

### TUBE

Nylon

### REINFORCEMENT

Fibra sintética.

### COVER

Uretano naranja que resiste los fluidos hidráulicos, las altas temperaturas, el envejecimiento y la intemperie. Orange TH7NCDL no está perforado para aplicaciones que requieren no conductividad eléctrica. Cumple con la prueba de conductividad eléctrica SAE 100R7. La fuga máxima no debe exceder los 50 microamperios cuando se somete a 75 kV / Ft. por cinco minutos. (El naranja es un color aceptado por la industria para mangueras no conductoras).

### TEMPERATURE RANGE

-65 ° F a + 200 ° F (-54 ° C a + 93 ° C) servicio continuo para aceites sintéticos y de petróleo. Máximo de + 158 ° F (+ 70 ° C) para agua, emulsiones de agua / aceite y agua glicol.



Part No.	Description	Product No.	Standard Pack					
85786	4TH7NCDL X50FT	4472-0226	1	1/4	.50	2750	11000	1.5
71087	4TH7NCDLXCTN	4472-0225	250	1/4	.50	2750	11000	1.5
85424	6TH7NCDL X50FT	4472-0228	1	3/8	.64	2250	9000	2.75
71088	6TH7NCDLXCTN	4472-0227	250	3/8	.64	2250	9000	2.75
71089	8TH7NCDLXCTN	4472-0229	250	1/2	.80	2000	8000	3.75



## MANGUERA SAE 100R8 -TH8

### RECOMMENDED FOR

Use con petróleo, base de agua y fluidos hidráulicos sintéticos. Las aplicaciones incluyen: equipos móviles eléctricos y telefónicos (recolectores de cerezas), líneas de lubricación, líneas de control de prevención de reventones, elevadores hidráulicos y maquinaria agrícola y de construcción. La manguera TH8 cumple o supera los requisitos de rendimiento de SAE 100R8 con un radio de curvatura significativamente más estrecho. Multilínea disponible.



### TUBE

Nylon 100% sin costuras que maneja fácilmente una amplia gama de fluidos hidráulicos, incluidos ésteres de fosfato y agua glicol.

### REINFORCEMENT

Poliéster.

### COVER

El uretano negro resiste los fluidos hidráulicos, las altas temperaturas, el envejecimiento y la intemperie. La cubierta negra TH8 está perforada para uso en servicios hidráulicos y neumáticos en general.

### TEMPERATURE RANGE

-65°F to +200°F (-54°C to +93°C)

Part No.	Description	Product No.	Standard Pack	⊖	∅	⊕	⊕	R <sup>2</sup>
85415	3TH8 X50FT	4467-1201	1	3/16	.50	5000	20000	1.5
71077	3TH8XCTN	4467-1178	250	3/16	.50	5000	20000	1.5
85416	4TH8 X50FT	4467-1180	1	1/4	.61	5000	20000	2.0
71078	4TH8XCTN	4467-1179	250	1/4	.61	5000	20000	2.0
85417	6TH8 X50FT	4467-1182	1	3/8	.75	4000	16000	2.5
71079	6TH8XCTN	4467-1181	250	3/8	.75	4000	16000	2.5
85418	8TH8 X50FT	4467-1202	1	1/2	.87	3500	14000	4.0
71019	8TH8XCTN	4467-1183	250	1/2	.87	3500	14000	4.0
71080	12TH8XCTN	4467-1184	200	3/4	1.13	2250	9000	6.5
71081	16TH8XCTN	4467-1185	200	1	1.45	2000	8000	10.0

## MANGUERA SAE 100R8 NO CONDUCTIVA -TH8NC

### RECOMMENDED FOR

Uso con petróleo, base de agua y fluidos hidráulicos sintéticos. Las aplicaciones incluyen: equipos móviles eléctricos y telefónicos (recolectores de cerezas), líneas de lubricación, líneas de control de prevención de reventones, elevadores hidráulicos y maquinaria agrícola y de construcción. La manguera TH8NC (cubierta naranja) cumple con los requisitos de no conductividad SAE 100R8. La manguera TH8NC cumple o supera los requisitos de rendimiento de SAE 100R8 con un radio de curvatura significativamente más estrecho.



### TUBE

Nylon 100% sin costuras que maneja fácilmente una amplia gama de fluidos hidráulicos, incluidos ésteres de fosfato y agua glicol.

### REINFORCEMENT

Poliéster

### COVER

El uretano naranja resiste los fluidos hidráulicos, las altas temperaturas, el envejecimiento y la intemperie. TH8NC no está perforado para aplicaciones que requieren no conductividad eléctrica. Cumple con la prueba de conductividad eléctrica SAE 100R8. La fuga máxima no debe exceder los 50 microamperios cuando se somete a 75 kV / Ft. por cinco minutos. (El naranja es un color aceptado por la industria para mangueras no conductoras).

### TEMPERATURE RANGE

-65 ° F a + 200 ° F (-54 ° C a + 93 ° C) servicio continuo para aceites sintéticos y de petróleo. Máximo de + 158 ° F (+ 70 ° C) para agua, emulsiones de agua / aceite y agua glicol.

Part No.	Description	Product No.	Standard Pack	⊖	∅	⊕	⊕	R <sup>2</sup>
85419	4TH8NC X50FT	4467-1187	1	1/4	.61	5000	20000	2.0
71020	4TH8NCXCTN	4467-1186	250	1/4	.61	5000	20000	2.0
85420	6TH8NC X50FT	4467-1203	1	3/8	.75	4000	16000	2.5
71082	6TH8NCXCTN	4467-1204	250	3/8	.75	4000	16000	2.5
85421	8TH8NC X50FT	4467-1190	1	1/2	.87	3500	14000	4.0
71083	8TH8NCXCTN	4467-1189	250	1/2	.87	3500	14000	4.0





## MANGUERA SAE 100R3 - G3H PARA ALTA TEMPERATURA

<b>RECOMMENDED FOR</b>	Tuberías de aceite hidráulico, soluciones anticongelantes o agua. Cumple o supera los requisitos de SAE 100R3.
<b>TUBE</b>	Caucho sintético negro (nitrilo). Consulte Características del stock de mangueras.
<b>REINFORCEMENT</b>	Dos trenzas de fibra.
<b>COVER</b>	Caucho sintético negro, resistente al aceite y a la abrasión (policloropreno).
<b>TEMPERATURE RANGE</b>	Para líneas de aceite hidráulico -40 ° F a + 275 ° F (-40 ° C a + 135 ° C) constante y + 300 ° F (+ 149 ° C) intermitente (hasta un 10% del tiempo de operación).



Part No.	Description	Product No.	Standard Pack						
85951	4G3H X25FT	3319-4263	1	1/4	.56	1250	5000	3.0	28
70127	4G3HXCTN	3319-0088	455	1/4	.56	1250	5000	3.0	28
85950	5G3H X50FT	3319-4717	1	5/16	.66	1200	4800	3.5	28
70420	5G3HXCTN	3319-4287	330	5/16	.66	1200	4800	3.5	28
85952	6G3H X25FT	3319-4262	1	3/8	.75	1125	4500	4.0	28
70128	6G3HXCTN	3319-0087	350	3/8	.75	1125	4500	4.0	28
85953	8G3H X25FT	3319-4261	1	1/2	.94	1000	4000	5.0	28
70126	8G3HXCTN	3319-0090	225	1/2	.94	1000	4000	5.0	28
70421	10G3HXCTN	3319-4288	200	5/8	1.10	900	3600	5.5	28
85954	12G3H X25FT	3319-4265	1	3/4	1.25	750	3000	6.0	28
70119	12G3HXCTN	3319-0091	160	3/4	1.25	750	3000	6.0	28
85955	16G3H X25FT	3319-4264	1	1	1.50	565	2260	8.0	20
70120	16G3HXCTN	3319-0092	120	1	1.50	565	2260	8.0	20
85956	20G3H X50FT	3319-4718	1	1 1/4	1.75	375	1500	10.0	15
70121	20G3HXCTN	3319-0071	120	1 1/4	1.75	375	1500	10.0	15
85957	24G3H X50FT	3319-4719	1	1 1/2	1.94	300	1200	12.0	10
70422	24G3HXCTN	3319-4289	131	1 1/2	1.94	300	1200	12.0	10

## MANGUERA SAE 100R6 PARA ALTA TEMPERATURA - GTH

<b>RECOMMENDED FOR</b>	Líneas de aceite hidráulico, líneas de enfriamiento de aceite de transmisión de servicio pesado y soluciones anticongelantes de glicol. Cumple o supera los requisitos de SAE 100R6.
<b>TUBE</b>	Caucho sintético negro, especialmente compuesto (nitrilo).
<b>REINFORCEMENT</b>	Una trenza de fibra.
<b>COVER</b>	Caucho sintético negro, resistente al aceite y a la abrasión (policloropreno).
<b>TEMPERATURE RANGE</b>	Para líneas de aceite hidráulico -40 ° F a + 275 ° F (-40 ° C a + 135 ° C) constante y + 300 ° F (+ 149 ° C) intermitente (hasta un 10% del tiempo de operación).



Part No.	Description	Product No.	Standard Pack						
70106	3GTHXCTN	3319-3301	715	3/16	.44	500	2000	2.0	28



## MANGUERA SAE 100R6 PARA ALTA TEMPERATURA - GTH

70107	4GTHXCTN	3319-3305	775	1/4	.50	400	1600	2.5	28
86687	5GTH X50FT	3319-0305	1	5/16	.56	400	1600	3.0	28
70105	5GTH XBULK	3319-3309	250	5/16	.56	400	1600	3.0	28
70108	5GTHXCTN	3319-3310	650	5/16	.56	400	1600	3.0	28
86618	8GTH X50FT	3319-3317	1	1/2	.78	400	1600	4.0	18
70110	8GTHXCTN	3319-3320	400	1/2	.78	400	1600	4.0	18
70131	8GTHXREEL	3319-3323	200	1/2	.78	400	1600	4.0	18
86695	10GTH X25FT	3319-4268	1	5/8	.91	350	1400	5.0	15
70111	10GTHXCTN	3319-3325	250	5/8	.91	350	1400	5.0	15
70130	12GTHXCTN	3319-3335	225	3/4	1.06	300	1200	5.5	15
70746	16GTHXCTN	3319-3345	165	1	1.13	250	1000	8.0	10



## MANGUERA SAE 100R4 - GMV GLOBAL MEGAVAC®

### RECOMMENDED FOR

Fluidos hidráulicos a base de petróleo y agua en líneas de succión o en líneas de retorno de baja presión. Cumple o supera los requisitos de SAE 100R4. Utiliza la mitad del radio de curvatura de SAE 100R4. Cumple con ABS marino y DNV

### TUBE

El caucho sintético negro está diseñado específicamente para resistir altas temperaturas (nitrilo).

### REINFORCEMENT

Tejido de doble espiral (trenzado para -12, -16 y -20) reforzado con alambre en espiral para evitar colapsos.

### COVER

El caucho sintético negro es resistente al aceite y a la abrasión (policloropreno).

### TEMPERATURE RANGE

-40°F to +275°F (-40°C to +135°C)



Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G".

Part No.	Description	Product No.	Standard Pack						
85577	12GMV X25FT	4504-0961	1	3/4	1.22	350	1400	2.5	25
70184	12GMVXCTN	4504-0123	100	3/4	1.22	350	1400	2.5	25
85578	16GMV X25FT	4504-0962	1	1	1.45	300	1200	3.0	25
70185	16GMVXCTN	4504-0003	100	1	1.45	300	1200	3.0	25
85579	20GMV X25FT	4504-0963	1	1 1/4	1.76	250	1000	4.0	25
70186	20GMVXCTN	4504-0004	100	1 1/4	1.76	250	1000	4.0	25

**MANGUERA SAE 100R5 - C5C****RECOMMENDED FOR**

Tuberías de aceite hidráulico de presión media a base de petróleo en aplicaciones de impulso, aceite lubricante, aire y agua en aplicaciones como frenos de aire, dirección asistida (PRECAUCIÓN: diseñado para uso exclusivo en vehículos comerciales de servicio pesado), suministros de aceite de turbocompresor, cilindros de cabina inclinable, líneas de refrigeración y filtración de la transmisión. Cumple o excede los requisitos de SAE 100R5 para aplicaciones hidráulicas tradicionales, DOT FMVSS 106-74 Tipo All y SAE J1402 Tipo All para aplicaciones de frenos de aire (-4 a -12). No recomendado para gasolina o diesel.

**TUBE**

Caucho sintético negro, resistente al aceite y al calor (Policloropreno -4 y 5), (Nitrilo -6 a -40).

**REINFORCEMENT**

Una trenza de alambre de acero al carbono de alta resistencia sobre una trenza de poliéster.

**COVER**

Trenza de poliéster negra, resistente al aceite y al moho.

**TEMPERATURE RANGE**

En condiciones SAE 100R5 (hidráulicas) -40 ° F a + 212 ° F (-40 ° C a + 100 ° C). Aplicación de flota de uso múltiple (líneas de aceite lubricante caliente) -40 ° F a + 300 ° F (-40 ° C a + 149 ° C). Aire a + 160 ° F (+ 71 ° C) solamente. Evite el uso continuo a temperatura máxima concurrente con presiones máximas de trabajo.

DOT FMVSS 106-74 Tipo All y SAE J1402 Tipo All para aplicaciones de frenos de aire (-4 a -12).

Part No.	Description	Product No.	Standard Pack	⊖	⊕	⊙	⊚	⊛
86605	4C5C X50FT	3658-1762	1	3/16	.52	3000	12000	3.0
70589	4C5CXREEL	3658-1775	440	3/16	.52	3000	12000	3.0
86606	5C5C X50FT	3658-1763	1	1/4	.58	3000	12000	3.4
70590	5C5CXREEL	3658-1776	385	1/4	.58	3000	12000	3.4
86607	6C5C X50FT	3658-1764	1	5/16	.67	2250	9000	4.0
70591	6C5CXREEL	3658-1777	385	5/16	.67	2250	9000	4.0
86608	8C5C X50FT	3658-1765	1	13/32	.77	2000	8000	4.6
70592	8C5CXREEL	3658-1778	330	13/32	.77	2000	8000	4.6
86609	10C5C X50FT	3658-1766	1	1/2	.92	1750	7000	5.5
70593	10C5CXREEL	3658-1779	275	1/2	.92	1750	7000	5.5
86610	12C5C X50FT	3658-1767	1	5/8	1.08	1500	6000	6.5
70594	12C5CXREEL	3658-1780	220	5/8	1.08	1500	6000	6.5
86616	16C5C X50FT	3658-1768	1	7/8	1.23	800	3200	7.4
70595	16C5CXREEL	3658-1781	165	7/8	1.23	800	3200	7.4
86617	20C5C X25FT	3658-1772	1	1 1/8	1.50	625	2500	9.0
70096	20C5CXCTN	3658-1758	100	1 1/8	1.50	625	2500	9.0
70097	24C5CXCTN	3658-1759	100	1 3/8	1.75	500	2000	10.5
70098	32C5CXCTN	3658-1760	100	1 13/16	2.22	350	1400	13.3
70099	40C5CXCTN	3658-1761	50	2 3/8	2.88	350	1400	24.0



## MANGUERA DE TEFLON SAE 100R14 - C14CT PTFE

<b>RECOMMENDED FOR</b>	Descarga del compresor de aire, aceite y fluidos calientes, ambientes calientes y grasosos.
<b>TUBE</b>	Tipo B: politetrafluoroetileno (PTFE) conductor de calibre liso negro / blanco.
<b>COVER/REINFORCEMENT</b>	Una trenza de alambre de acero inoxidable Serie 300. 304 inoxidable.
<b>TEMPERATURE RANGE</b>	Dinámico: -65 ° F a + 400 ° F (-54 ° C a + 204 ° C). Estático: -65 ° F a + 450 ° F (-54 ° C a + 232 ° C).



Part No.	Description	Product No.	Standard Pack	⊖	⊕	⊖	⊕	R	72°F (22°C)	72°F (22°C)	450°F (232°C)	450°F (232°C)
85730	6C14CT X25FT	7752-3625	1	5/16	.45	1500	6000	4.0	2500	10000	1500	6000
70906	6C14CTXCTN*	7752-3600	300	5/16	.45	1500	6000	4.0	2500	10000	1500	6000
85731	8C14CT X25FT	7752-3825	1	13/32	.55	1000	4000	5.3	2000	8000	1000	4000
70908	8C14CTXCTN*	7752-3800	250	13/32	.55	1000	4000	5.3	2000	8000	1000	4000

\*Type B-Conductive Tube.

**NOTA:** Descarga electrostática: muchas aplicaciones que involucran mangueras de PTFE no requieren un tubo conductor. Pero debe revisar el potencial de descarga electrostática para cada aplicación y ser consciente de que la electricidad estática puede ser peligrosa. En aquellos casos en los que pueda producirse una descarga electrostática, se recomienda una manguera conductora de PTFE con un tubo conductor (Gates C14CT).

**MANGUERA DE 10,000 PSI - JACK -J2AT**

<b>RECOMMENDED FOR</b>	Aplicaciones de gata hidráulica. Cumple con la especificación IJ 100 del Material Handling Institute para mangueras hidráulicas y conjuntos usados con sistemas de elevación. 10,000 presión estática solamente.
<b>TUBE</b>	Caucho sintético negro, resistente al aceite (nitrilo).
<b>REINFORCEMENT</b>	Dos trenzas de alambre de acero de alta resistencia.
<b>COVER</b>	Caucho sintético negro, resistente al aceite y a la abrasión (Nitrilo y PVC). También disponible con una exclusiva cubierta MegaTuff® resistente a la abrasión.
<b>TEMPERATURE RANGE</b>	-40°F to +120°F (-40°C to +49°C).



Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G".

Part No.	Description	Product No.	Standard Pack					
85650	4J2AT X50FT	4657-4880	1	1/4	.59	10000	20000	2.0
70800	4J2ATXREEL	4657-1400	350	1/4	.59	10000	20000	2.0
85651	6J2AT X50FT	4657-4881	1	3/8	.74	10000	20000	2.5
70801	6J2ATXREEL	4657-1404	330	3/8	.74	10000	20000	2.5

**MANGUERA SUPRESORA DE FUEGO- RFS**

<b>RECOMMENDED FOR</b>	Aplicaciones de extintores de incendios en polvo de baja presión en equipos de minería, silvicultura y extinción de incendios. La cubierta roja es para una fácil identificación visual en estas aplicaciones. Cumple con los requisitos de rendimiento de SAE 100R1.
<b>TUBE</b>	Caucho sintético negro, resistente al aceite (nitrilo).
<b>REINFORCEMENT</b>	Una trenza de alambre de acero de alta resistencia.
<b>COVER</b>	Roja, resistente al aceite y a la abrasión (nitrilo y PVC).
<b>TEMPERATURE RANGE</b>	-40°F to +212°F (-40°C to +100°C).



Cumple con la designación de aceptación de resistencia a las llamas "MSHA 2G".

Part No.	Description	Product No.	Standard Pack					
H24100-03F	3RFSXREEL	4657-2145	440	3/16	.45	3000	12000	3.0
H24100-04F	4RFSXREEL	4657-3314	440	1/4	.53	2750	11000	4.0
H24100-06F	6RFSXREEL	4657-3313	300	3/8	.68	2250	9000	5.0
H24100-08F	8RFSXREEL	4657-3315	330	1/2	.80	2000	8000	7.0
H24100-12F	12RFSXREEL	4657-3316	300	3/4	1.09	1250	5000	9.5
H24100-16F	16RFSXREEL	4657-2155	165	1	1.41	1000	4000	12.0

## EN EL TALLER O EN EL CAMPO, GATES TIENE UNA ENSAMBLADORA PARA CADA TRABAJO.

### GC® 16XD™ MINI ENSAMBLADORA MOBILECRIMP® 4-20



- Capacidad de 1" de dos mallas y 3/4" de 4 mallas.
- Carga horizontal fácil de usar para ensamblar en el campo.
- Fuerza de prensado de 80 toneladas.
- Portabilidad y velocidad inigualables con una bomba a batería de 10,000 psi.



- Portátil y liviano: solo 78 libras.
- Lo suficientemente potente como para ensamblar hasta 1-1 / 4" D.I. manguera de cuatro mallas en espiral.
- Ideal para trabajos de campo.
- Múltiples opciones de bomba para máxima flexibilidad.

### ENSAMBLADORA GC® 32TSi™



- La pantalla táctil simplifica la selección de mangueras y acoplamientos.
- Ensambladoras de precisión sin buscar datos ni ajustar la configuración del ensamblador
- El controlador se actualiza donde hay Internet inalámbrico disponible o mediante una memoria USB.

### POWER CRIMP® 707



- El más preciso y sencillo Ensamblador Fabricado
- La primera ensambladora lectura digital para indicar el diámetro de Prensado
- Ensambla mangueras en espiral de alta presión, de 3/16" a 1-1 / 4" D.I. de cuatro espirales.
- Ensambla conectores rectos y codos de 45° y 90°

### ENSAMBLADORA GC® 96TSi™-3



- Control de pantalla táctil con panel para ajustes de prensado.
- Alimentación frontal horizontal que facilita el prensado.
- 550 toneladas de fuerza que permite un prensado para una amplia variedad de acoplamientos.
- 2 velocidades para un rápido prensado

### ENSAMBLADORA SC-32™



- Diseño compacto para minimizar espacio requerido
- Fuerza de alta tonelada con bomba integrada.
- La prensada inferior hace el trabajo más fácil
- Contiene todas las placas base y espaciadores necesarios para ensamblar mangueras de hasta 2".

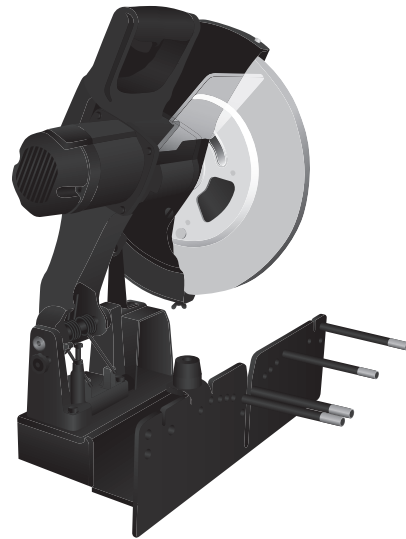
## CORTADORA Gates Power Cutter 208

Numero de Producto: 7480-6609

### Cortes rectos sin esfuerzo en todo momento

Protector facial transparente para mayor seguridad.

- Potente motor de alto torque de 4.5 caballos de fuerza que hace que el corte sea más rápido y fácil.
- Incluye una Cuchilla Afilada de 12" para disipar el calor, lo que reduce la fricción para cortes limpios y más rápidos de hasta 1-1 / 4" de D.I.
- Corta con seguridad mangueras de dos y cuatro alambres hasta 2", mangueras de seis alambres hasta 1-1 / 4".
- La cuchilla reversible se puede afilar y es de fácil desinstalación e instalación
- La placa frontal contiene el uso de pasadores móviles que sujeta la manguera de forma segura para un corte limpio y recto.
- El protector de Cuchilla para mayor seguridad.



*Precaución: Mantenga la hoja afilada. El calor generado por una cuchilla desafilada puede dañar el acero y ensanchar la manguera.*

Weight: 65 lbs.

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## CORTADORA Modelo 6-32

Corta Mangueras Hasta de 6 mallas de 2" de Diametro

**Cortes fáciles y limpios: funcionamiento seguro**

### FEATURES:

- Corta hasta 2" de D.I. con mangueras de hasta 6 mallas
- Hoja reversible de acero de alta velocidad con borde Afilado de 10" con orificio de 3/4"
- El radio de curvatura de la manguera de radio se adapta a la cuchilla para mayor seguridad y menor fricción.
- Protector interior de la cuchilla para un funcionamiento seguro.



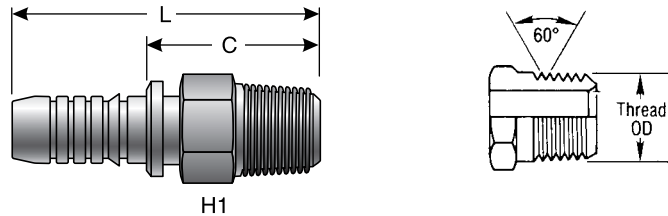


# **CONECTORES HIDRAULICOS**



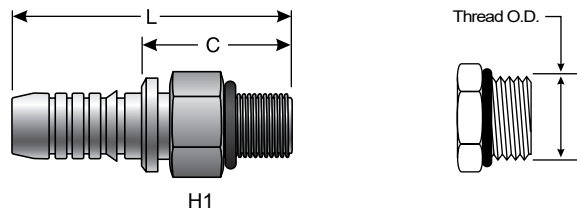
# Conector Espiga para R15/R13/R12/4SP/4SH

## MACHO NPT



Descr.	Prod. No.	⊖		🌀	H1	Macho Npt	L		C		Lbs.
		"	mm				"	mm	"	mm	
6GS-6MP	7347-20145	3/8	9.5	3/8-18	11/16	3/8	2.72	69.1	1.31	33.3	.10
6GS-8MP	7347-20155	3/8	9.5	1/2-14	7/8	1/2	2.87	72.9	1.46	37.1	.15
8GS-8MP	7347-20245	1/2	12.7	1/2-14	7/8	1/2	2.91	73.9	1.43	36.3	.11
8GS-12MP	7347-20265	1/2	12.7	3/4-14	1 1/16	3/4	3.03	77.0	1.56	39.6	.31
10GS-8MP	7347-20335	5/8	15.9	1/2-14	15/16	1/2	3.35	85.1	1.34	34.0	.26
10GS-12MP	7347-20355	5/8	15.9	3/4-14	1 1/8	3/4	3.58	90.9	1.60	40.6	.33
12GS-8MP	7347-20425	3/4	19.1	1/2-14	1 1/16	1/2	3.54	89.9	1.54	39.1	.35
12GS-12MP	7347-20445	3/4	19.1	3/4-14	1 1/16	3/4	3.54	89.9	1.54	39.1	.55
12GS-16MP	7347-20465	3/4	19.1	1-11 1/2	1 3/8	1	3.82	97.0	1.81	46.0	.57
16GS-12MP	7347-20535	1	25.4	3/4-14	1 3/8	3/4	3.98	101.1	1.74	44.2	.33
16GS-16MP	7347-20555	1	25.4	1-11 1/2	1 3/8	1	4.17	105.9	1.94	49.3	.53
16GS-20MP	7347-20565	1	25.4	1 1/4-11 1/2	1 3/4	1 1/4	4.29	109.0	2.06	52.3	.57
20GS-20MP	7347-20645	1 1/4	31.8	1 1/4-11 1/2	1 3/4	1 1/4	5.00	127.0	2.20	55.9	1.25
24GSP-24MP	7347-20725	1 1/2	38.1	1 1/2-11 1/2	2	1 1/2	5.24	133.1	2.34	59.4	.60
32GSP-32MP	7347-20795	2	50.8	2-11 1/2	2.50	2	6.05	153.7	2.43	61.7	2.30

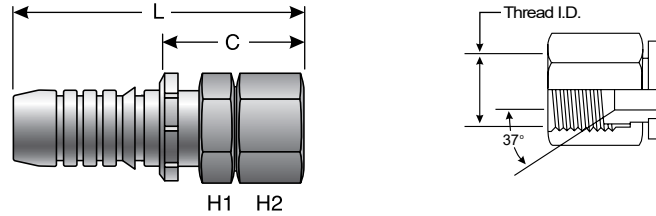
## MACHO O-RING BOSS



Descr.	Prod. No.	⊖		🌀	H1	Macho Boss	L		C		Lbs.
		"	mm				"	mm	"	mm	
6GS-6MB	7347-21145	3/8	9.5	9/16-18	11/16	3/8	2.56	65.0	1.15	29.2	.11
8GS-8MB	7347-21245	1/2	12.7	3/4-16	7/8	1/2	2.76	70.1	1.26	32.0	.13
8GS-10MB	7347-21255	1/2	12.7	7/8-14	1	5/8	2.83	71.9	1.34	34.0	.15
10GS-10MB	7347-21345	5/8	15.9	7/8-14	1	5/8	3.46	87.9	1.48	37.6	.29
10GS-12MB	7347-21355	5/8	15.9	1 1/16-12	1 1/4	3/4	3.46	87.9	1.48	37.6	.40
12GS-12MB	7347-21445	3/4	19.1	1 1/16-12	1 1/4	3/4	3.66	93.0	1.65	41.9	.45
12GS-16MB	7347-21465	3/4	19.1	1 5/16-12	1 1/2	1	3.54	89.9	1.54	39.1	.60
16GS-12MB	7347-21535	1	25.4	1 1/16-12	1 3/8	3/4	3.98	101.1	1.74	44.2	.06
16GS-16MB	7347-21555	1	25.4	1 5/16-12	1 1/2	1	3.86	98.1	1.62	41.2	.64
16GS-20MB	7347-21565	1	25.4	1 5/8-12	1 7/8	1 1/4	4.53	115.1	1.62	41.2	.97
20GS-20MB	7347-21645	1 1/4	31.8	1 5/8-12	1 7/8	1 1/4	4.53	115.1	1.73	43.9	1.08

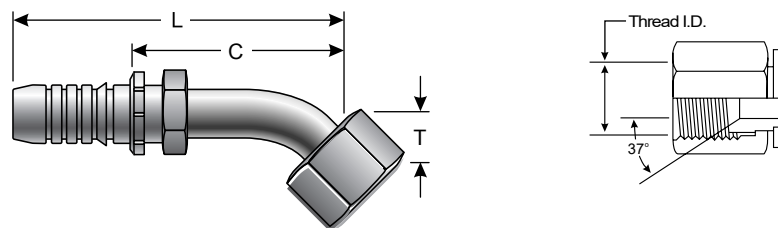
# Conector Espiga para R15/R13/R12/4SP/4SH

## HEMBRA GIRATORIA JIC



Descr.	Prod. No.	⊖		🌀	H1	Hembra Jic	L	C		Lbs.	
		"	mm					"	mm		
6GS-6FJX	7347-24145	3/8	9.5	9/16-18	3/4	3/8	2.72	69.1	1.31	33.3	.12
6GS-8FJX	7347-24155	3/8	9.5	3/4-16	3/4	1/2	2.80	71.1	1.39	35.3	.14
8GS-8FJX	7347-24245	1/2	12.7	3/4-16	7/8	1/2	2.83	71.9	1.36	34.5	.31
8GS-10FJX	7347-24255	1/2	12.7	7/8-14	7/8	5/8	2.99	76.0	1.51	38.4	.25
8GS-12FJX	7347-24265	1/2	12.7	1 1/16-12	7/8	3/4	3.03	77.0	1.56	39.6	.51
10GS-10FJXMM	7347-82175	5/8	15.9	7/8-14	1	5/8	3.68	93.5	1.70	43.2	.38
10GS-12FJX	7347-24355	5/8	15.9	1 1/16-12	1	3/4	3.74	95.0	1.76	44.7	.42
12GS-10FJX	7347-24435	3/4	19.1	7/8-14	1 1/16	5/8	3.87	98.3	1.87	47.5	.44
12GS-12FJX	7347-24445	3/4	19.1	1 1/16-12	1	3/4	3.87	98.3	1.86	47.2	.46
12GS-14FJX	7347-24455	3/4	19.1	1 3/16-12	1 1/8	7/8	4.06	103.1	2.06	52.3	.55
12GS-16FJX	7347-24465	3/4	19.1	1 5/16-12	1 1/4	1	4.02	102.1	2.01	51.1	.51
16GS-12FJX	7347-24535	1	25.4	1 1/16-12	1 3/8	3/4	4.25	108.0	2.00	50.8	.57
16GS-14FJX	7347-24545	1	25.4	1 3/16-12	1 3/8	7/8	4.25	108.0	2.01	51.1	.73
16GS-16FJX	7347-24555	1	25.4	1 5/16-12	1 1/2	1	4.30	109.2	2.07	52.6	.70
16GS-20FJX	7347-24565	1	25.4	1 5/8-12	1 1/2	1 1/4	4.53	115.1	2.31	58.7	1.20
20GS-16FJX	7347-24635	1 1/4	31.8	1 5/16-12	1 3/4	1	5.08	129.0	2.28	57.9	1.19
20GS-20FJX	7347-24645	1 1/4	31.8	1 5/8-12	1 7/8	1 1/4	5.29	134.4	2.56	65.0	1.39
20GS-24FJX	7347-24655	1 1/4	31.8	1 7/8-12	1 7/8	1 1/2	5.39	136.9	2.59	65.8	2.07
24GSP-24FJX	7347-82455	1 1/2	38.1	1 7/8-12	1.97	1 1/2	5.64	143.3	2.74	69.6	2.16
24GSP-32FJX	7347-82465	1 1/2	38.1	2 1/2-12	2.56	2	6.88	174.8	3.17	80.5	3.00
32GSP-32FJX	7347-82525	2	50.8	2 1/2-12	2.56	2	6.80	172.7	3.17	80.5	3.64

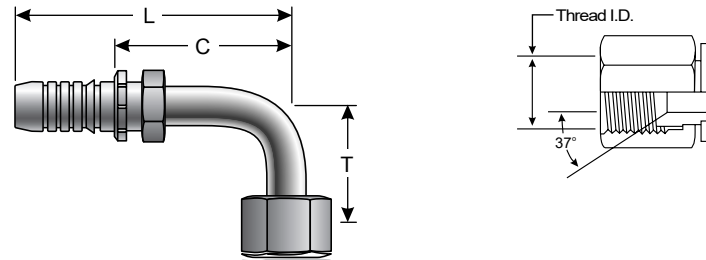
## HEMBRA GIRATORIA JIC - CODO 45°



Descr.	Prod. No.	⊖		🌀	H1	Hembra Jic	T	L	C		Lbs.		
		"	mm						"	mm			
6GS-6FJX45S	7347-25145	3/8	9.5	9/16-18	3/4	3/8	.43	10.9	3.23	82.0	1.82	46.2	.15
6GS-8FJX45S	7347-25155	3/8	9.5	3/4-16	3/4	1/2	.59	15.0	3.66	93.0	2.25	57.2	.18
8GS-8FJX45S	7347-25245	1/2	12.7	3/4-16	7/8	1/2	.59	15.0	3.70	94.0	2.22	56.4	.20
8GS-10FJX45S	7347-25255	1/2	12.7	7/8-14	7/8	5/8	.63	16.0	3.58	90.9	2.11	53.6	.24
10GS-10FJXMM45-018	7347-83275	5/8	15.9	7/8-14	—	5/8	.71	18.0	4.45	113.0	2.48	63.0	.48
10GS-12FJX45S	7347-25355	5/8	15.9	1 1/16-12	1	3/4	.83	21.1	4.80	121.9	2.82	71.6	.55
12GS-12FJX45S	7347-25445	3/4	19.1	1 1/16-12	—	3/4	.83	21.1	5.12	130.1	3.11	79.0	.66
12GS-16FJX45S	7347-25465	3/4	19.1	1 5/16-12	—	1	.94	23.9	5.39	136.9	3.39	86.1	.81
16GS-16FJX45M	7347-26555	1	25.4	1 5/16-12	—	1	1.50	38.1	6.30	160.0	4.07	103.4	.99
16GS-16FJX45S	7347-25555	1	25.4	1 5/16-12	1 1/2	1	.94	23.9	5.98	151.9	3.77	95.8	.95
16GS-20FJX45S	7347-25565	1	25.4	1 5/8-12	—	1 1/4	.98	24.9	6.46	164.1	4.23	107.4	1.65
20GS-20FJX45-038	7347-76175	1 1/4	31.8	1 5/8-12	—	1 1/4	1.50	38.1	7.09	180.1	4.29	109.0	2.02
24GSP-24FJX45-050	7347-83735	1 1/2	38.1	1 7/8-12	2.16	1 1/2	1.97	50.0	9.17	232.9	6.28	159.5	3.16

# Conector Espiga para R15/R13/R12/4SP/4SH

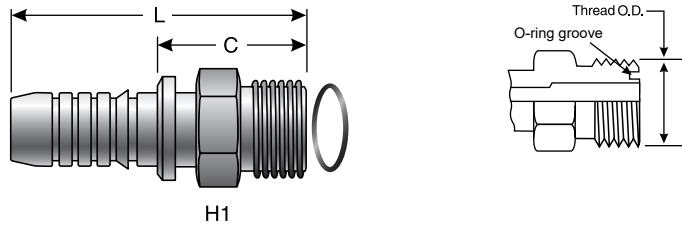
## HEMBRA GIRATORIA JIC - CODO 90°



Descr.	Prod. No.	Ø		H1	Hembra Jic	T	L		C		Lbs.		
		"	mm				"	mm	"	mm			
6GS-6FJX90L	7347-29145	3/8	9.5	9/16-18	3/4	3/8	2.13	54.1	3.39	86.1	1.98	50.3	.17
6GS-6FJX90S	7347-27145	3/8	9.5	9/16-18	3/4	3/8	.91	23.1	3.11	79.0	1.70	43.2	.15
6GS-6FJXMM90M	7347-84045	3/8	9.5	9/16-18	7/8	3/8	1.50	38.1	3.11	79.0	1.70	43.2	.09
6GS-8FJX90-083	7347-76785	3/8	9.5	3/4-16	3/4	1/2	3.27	83.1	3.58	90.9	2.17	55.1	.03
6GS-8FJX90M	7347-28155	3/8	9.5	3/4-16	3/4	1/2	1.61	40.9	3.58	90.9	2.17	55.1	.24
8GS-8FJX90L	7347-29245	1/2	12.7	3/4-16	7/8	1/2	2.52	64.0	3.62	92.0	2.15	54.6	.66
8GS-8FJX90M	7347-28245	1/2	12.7	3/4-16	7/8	1/2	1.61	40.9	3.62	92.0	2.15	54.6	.55
8GS-8FJX90S	7347-27245	1/2	12.7	3/4-16	7/8	1/2	1.14	29.0	3.39	86.1	1.91	48.5	.44
8GS-8FJX90XL	7347-73065	1/2	12.7	3/4-16	7/8	1/2	4.06	103.1	3.62	92.0	2.15	54.6	.40
8GS-10FJX90L	7347-29255	1/2	12.7	7/8-14	7/8	5/8	3.27	83.1	3.74	95.0	2.26	57.4	.46
8GS-10FJX90M	7347-28165	1/2	12.7	7/8-14	7/8	5/8	1.85	47.0	3.50	88.9	2.01	51.1	.35
8GS-10FJX90S	7347-27255	1/2	12.7	7/8-14	7/8	5/8	1.26	32.0	3.62	92.0	2.15	54.6	.29
8GS-12FJX90S	7347-27265	1/2	12.7	1 1/16-12	7/8	3/4	1.89	48.0	4.37	111.0	2.89	73.4	.46
10GS-10FJXMM90-036	7347-84275	5/8	15.9	7/8-14	—	5/8	1.42	36.1	4.37	111.0	1.70	43.2	.52
10GS-10FJXMM90M	7347-84285	5/8	15.9	7/8-14	1	5/8	1.85	47.0	4.21	106.9	2.23	56.6	.54
10GS-12FJX90M	7347-28355	5/8	15.9	1 1/16-12	1	3/4	2.28	57.9	4.76	120.9	2.78	70.6	.58
12GS-12FJX90L	7347-29445	3/4	19.1	1 1/16-12	—	3/4	3.78	96.0	4.45	113.0	2.44	62.0	.90
12GS-12FJX90M	7347-28445	3/4	19.1	1 1/16-12	—	3/4	2.28	57.9	4.45	113.0	2.44	62.0	.77
12GS-12FJX90S	7347-27445	3/4	19.1	1 1/16-12	—	3/4	1.89	48.0	4.45	113.0	2.44	62.0	.75
12GS-14FJX90-060	7347-28455	3/4	19.1	1 3/16-12	—	7/8	2.36	59.9	5.55	141.0	3.54	89.9	.92
12GS-16FJX90L	7347-29465	3/4	19.1	1 5/16-12	—	1	4.49	114.1	5.32	135.1	3.31	84.1	1.27
12GS-16FJX90M	7347-28465	3/4	19.1	1 5/16-12	—	1	2.80	71.1	5.31	134.9	3.31	84.1	.92
12GS-16FJX90S	7347-27465	3/4	19.1	1 5/16-12	—	1	2.20	55.9	5.31	134.9	3.31	84.1	.92
16GS-16FJX90L	7347-29555	1	25.4	1 5/16-12	1 1/2	1	4.33	110.0	5.67	144.0	3.45	87.6	1.06
16GS-16FJX90M	7347-28555	1	25.4	1 5/16-12	1 1/2	1	2.80	71.1	5.67	144.0	3.45	87.6	1.01
16GS-16FJX90S	7347-27555	1	25.4	1 5/16-12	—	1	2.20	55.9	5.67	144.0	3.45	87.6	1.20
16GS-20FJX90L	7347-29565	1	25.4	1 5/8-12	1 1/2	1 1/4	5.08	129.0	6.06	153.9	3.84	97.5	2.54
20GS-20FJX90L	7347-29645	1 1/4	31.8	1 5/8-12	—	1 1/4	5.08	129.0	6.85	174.0	4.05	102.9	3.18
20GS-20FJX90M	7347-28645	1 1/4	31.8	1 5/8-12	—	1 1/4	3.07	78.0	6.85	174.0	4.05	102.9	2.80
20GS-20FJX90S	7347-27645	1 1/4	31.8	1 5/8-12	—	1 1/4	2.52	64.0	6.85	174.0	4.05	102.9	2.61
20GS-24FJX90M	7347-28655	1 1/4	31.8	1 7/8-12	—	1 1/2	3.39	86.1	7.32	185.9	4.52	114.8	3.32
24GSP-24FJX90-089	7347-84745	1 1/2	38.1	1 7/8-12	2.16	1 1/2	3.50	88.9	8.35	212.1	5.45	138.4	1.52
24GSP-24FJX90-118	7347-84755	1 1/2	38.1	1 7/8-12	2.16	1 1/2	4.65	118.1	7.46	189.5	4.56	115.8	1.55
32GSP-32FJX90M	7347-84785	2	50.8	2 1/2-12	2.56	2	5.51	140.0	10.71	272.0	7.07	179.6	6.44

# Conector Espiga para R15/R13/R12/4SP/4SH

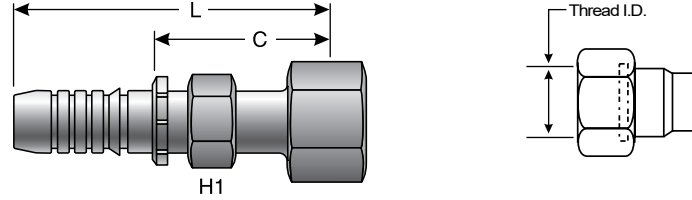
## MACHO ASIENTO PLANO ORS



Descr.	Prod. No.	⊖		🌀	H1	Macho FFOR	L		C		Lbs.
		"	mm				"	mm	"	mm	
6GS-6MFFOR	7347-23865	3/8	9.5	11/16-16	19.0	3/8	2.52	64.0	1.11	28.2	.12
8GS-8MFFOR	7347-23825	1/2	12.7	13/16-16	22.0	1/2	2.68	68.1	1.20	30.5	.20
8GS-10MFFOR	7347-23895	1/2	12.7	1-14	27.0	5/8	2.91	73.9	1.44	36.6	.13
10GS-10MFFOR	7347-23875	5/8	15.9	1-14	27.0	5/8	3.42	86.9	1.44	36.6	.03
10GS-12MFFOR	7347-23885	5/8	15.9	1 3/16-12	32.0	3/4	3.50	88.9	1.52	38.6	.45
12GS-12MFFOR	7347-23835	3/4	19.1	1 3/16-12	32.0	3/4	3.50	88.9	1.50	38.1	.44
12GS-16MFFOR	7347-23845	3/4	19.1	1 7/16-12	41.0	1	3.74	95.0	1.73	43.9	.81
16GS-16MFFOR	7347-23815	1	25.4	1 7/16-12	41.0	1	4.02	102.1	1.78	45.2	1.23
16GS-20MFFOR	7347-23925	1	25.4	1 11/16-12	50.0	1 1/4	4.70	119.4	1.78	45.2	1.08
20GS-20MFFOR	7347-23855	1 1/4	31.8	1 11/16-12	50.0	1 1/4	4.72	119.9	1.93	49.0	1.19
24GSP-24MFFOR	7347-23905	1 1/2	38.1	2-12	55.0	1 1/2	5.12	130.1	2.22	56.4	1.67

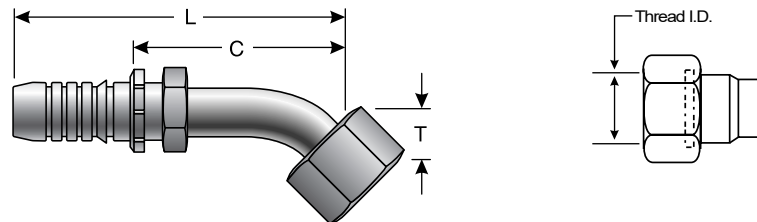
# Conector Espiga para R15/R13/R12/4SP/4SH

## HEMBRA ASIEN TO PLANO ORS GIRATORIA



Descr.	Prod. No.	⊖		🌀	H1	Hembra FFOR	L		C		Lbs.
		"	mm				"	mm	"	mm	
6GS-6FFORX	7347-30145	3/8	9.5	11/16-16	22.0	3/8	2.72	69.1	1.31	33.3	.15
6GS-8FFORX	7347-30155	3/8	9.5	13/16-16	22.0	1/2	2.83	71.9	1.43	36.3	.24
8GS-8FFORX	7347-30245	1/2	12.7	13/16-16	27.0	1/2	2.87	72.9	1.40	35.6	.15
8GS-10FFORX	7347-30255	1/2	12.7	1-14	27.0	5/8	3.07	78.0	1.59	40.4	.40
8GS-12FFORX	7347-30265	1/2	12.7	1 3/16-12	27.0	3/4	3.11	79.0	1.63	41.4	.44
10GS-10FFORX	7347-30345	5/8	15.9	1-14	30.0	5/8	3.70	94.0	1.72	43.7	.37
10GS-12FFORX	7347-30355	5/8	15.9	1 3/16-12	30.0	3/4	3.74	95.0	1.76	44.7	.56
12GS-10FFORX	7347-30435	3/4	19.1	1-14	32.0	5/8	3.82	97.0	1.81	46.0	.48
12GS-12FFORX	7347-30445	3/4	19.1	1 3/16-12	32.0	3/4	1.95	49.5	1.89	48.1	.64
12GS-16FFORX	7347-30465	3/4	19.1	1 7/16-12	32.0	1	4.06	103.1	2.05	52.1	.88
12GS-20FFORX	7347-30475	3/4	19.1	1 11/16-12	32.0	1 1/4	3.91	99.3	1.90	48.3	.91
16GS-12FFORX	7347-30535	1	25.4	1 3/16-12	36.0	3/4	5.15	130.8	2.92	74.2	.42
16GS-16FFORX	7347-30555	1	25.4	1 7/16-12	41.0	1	4.36	110.7	2.14	54.4	1.04
16GS-20FFORX	7347-30565	1	25.4	1 11/16-12	41.0	1 1/4	4.36	110.7	2.14	54.4	1.15
20GS-20FFORX	7347-30645	1 1/4	31.8	1 11/16-12	50.0	1 1/4	5.04	128.0	2.24	56.9	1.62
20GS-24FFORX	7347-30655	1 1/4	31.8	2-12	50.0	1 1/2	5.12	130.1	2.32	58.9	1.94
24GSP-24FFORX	7347-30725	1 1/2	38.1	2-12	55.0	1 1/2	5.17	131.3	2.37	60.2	1.93

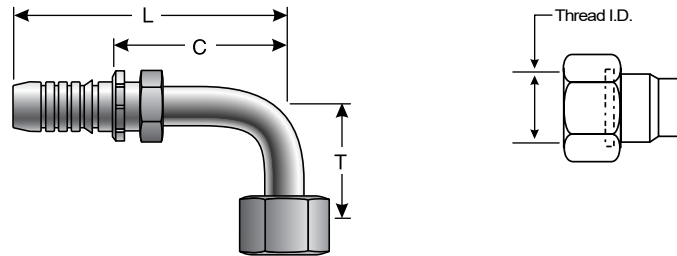
## HEMBRA ASIEN TO PLANO ORS GIRATORIA CODO 45°



Descr.	Prod. No.	⊖		🌀	H1	Hembra FFOR	T	L		C		Lbs.	
		"	mm					"	mm	"	mm		
6GS-6FFORX45S	7347-31145	3/8	9.5	11/16-16	—	3/8	.43	10.9	3.23	82.0	1.82	46.2	.17
6GS-8FFORX45S	7347-31155	3/8	9.5	13/16-16	—	1/2	.59	15.0	3.66	93.0	2.25	57.2	.27
8GS-8FFORX45S	7347-31245	1/2	12.7	13/16-16	—	1/2	.59	15.0	3.70	94.0	2.22	56.4	.28
8GS-10FFORX45S	7347-31255	1/2	12.7	1-14	—	5/8	.63	16.0	3.90	99.1	2.42	61.5	.03
8GS-12FFORX45S	7347-31265	1/2	12.7	1 3/16-12	—	3/4	.83	21.1	4.53	115.1	3.05	77.5	.06
10GS-10FFORX45S	7347-31345	5/8	15.9	1-14	—	5/8	.63	16.0	4.37	111.0	2.39	60.7	.43
12GS-12FFORX45S	7347-31445	3/4	19.1	1 3/16-12	—	3/4	.83	21.1	4.92	125.0	2.91	73.9	.75
12GS-16FFORX45S	7347-31465	3/4	19.1	1 7/16-12	—	1	.94	23.9	5.39	136.9	3.39	86.1	.93
16GS-16FFORX45S	7347-31555	1	25.4	1 7/16-12	—	1	.94	23.9	5.67	144.0	3.46	87.9	1.15
16GS-20FFORX45S	7347-31565	1	25.4	1 11/16-12	—	1 1/4	.98	24.9	6.46	164.1	4.24	107.7	1.45
20GS-20FFORX45-032	7347-76045	1 1/4	31.8	1 11/16-12	—	1 1/4	1.26	32.0	7.09	180.1	4.29	109.0	2.16
24GSP-24FFORX45-036	7347-31725	1 1/2	38.1	2-12	—	1 1/2	2.70	68.6	7.61	193.3	4.81	122.2	2.65

# Conector Espiga para R15/R13/R12/4SP/4SH

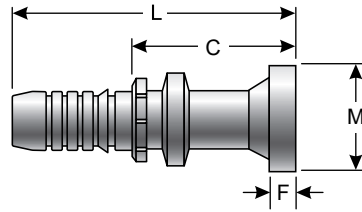
## HEMBRA ASIEN TO PLANO GIRATORIA ORS - CODO 90°



Descr.	Prod. No.	Ø		H1	Hembra		T	L		C		Lbs.	
		"	mm		mm	"		"	mm	"	mm		
6GS-6FFORX90L	7347-34145	3/8	9.5	11/16-16	—	3/8	2.13	54.1	3.35	85.1	1.94	49.3	.19
6GS-6FFORX90S	7347-32145	3/8	9.5	11/16-16	—	3/8	.91	23.1	3.07	78.0	1.66	42.2	.17
6GS-8FFORX90M	7347-33155	3/8	9.5	13/16-16	—	1/2	1.61	40.9	3.35	85.1	1.94	49.3	.30
8GS-8FFORX90-083	7347-73845	1/2	12.7	13/16-16	—	1/2	3.27	83.1	3.39	86.1	1.91	48.5	.33
8GS-8FFORX90M	7347-33245	1/2	12.7	13/16-16	—	1/2	1.61	40.9	3.39	86.1	1.91	48.5	.26
8GS-8FFORX90S	7347-32245	1/2	12.7	13/16-16	—	1/2	1.14	29.0	3.39	86.1	1.91	48.5	.30
8GS-10FFORX90L	7347-34255	1/2	12.7	1-14	—	5/8	2.76	70.1	3.98	101.1	2.50	63.5	.05
8GS-10FFORX90M	7347-33255	1/2	12.7	1-14	—	5/8	1.85	47.0	3.98	101.1	2.50	63.5	.75
8GS-10FFORX90S	7347-32255	1/2	12.7	1-14	—	5/8	1.26	32.0	3.98	101.1	2.50	63.5	.03
8GS-12FFORX90S	7347-32265	1/2	12.7	1 3/16-12	—	3/4	1.89	48.0	4.21	106.9	2.74	69.6	.66
10GS-10FFORX90L	7347-34345	5/8	15.9	1-14	—	5/8	2.76	70.1	4.45	113.0	2.44	62.0	.57
10GS-10FFORX90M	7347-33345	5/8	15.9	1-14	—	5/8	1.85	47.0	4.21	106.9	2.20	55.9	.49
10GS-10FFORX90S	7347-32345	5/8	15.9	1-14	—	5/8	1.26	32.0	4.20	106.7	2.22	56.4	.43
10GS-12FFORXMM90S-048	7347-32355	5/8	15.9	1 3/16-12	—	3/4	1.26	32.0	4.21	106.9	2.74	69.6	.07
12GS-10FFORX90S	7347-32435	3/4	19.1	1-14	—	5/8	1.26	32.0	4.37	111.0	2.36	59.9	.62
12GS-12FFORX90L	7347-34445	3/4	19.1	1 3/16-12	—	3/4	3.78	96.0	5.04	128.0	3.03	77.0	1.14
12GS-12FFORX90M	7347-33445	3/4	19.1	1 3/16-12	—	3/4	2.28	57.9	5.04	128.0	3.03	77.0	.92
12GS-12FFORX90S	7347-32445	3/4	19.1	1 3/16-12	—	3/4	1.89	48.0	5.04	128.0	3.03	77.0	.88
12GS-16FFORX90L	7347-34465	3/4	19.1	1 7/16-12	—	1	4.49	114.1	5.39	136.9	3.39	86.1	1.32
12GS-16FFORX90M	7347-33465	3/4	19.1	1 7/16-12	—	1	2.80	71.1	5.39	136.9	3.39	86.1	1.10
12GS-16FFORX90S	7347-32465	3/4	19.1	1 7/16-12	—	1	2.20	55.9	5.39	136.9	3.39	86.1	1.05
16GS-16FFORX90L	7347-34555	1	25.4	1 7/16-12	—	1	4.49	114.1	5.67	144.0	3.45	87.6	1.66
16GS-16FFORX90M	7347-33555	1	25.4	1 7/16-12	—	1	2.80	71.1	5.67	144.0	3.45	87.6	1.55
16GS-16FFORX90S	7347-32555	1	25.4	1 7/16-12	—	1	2.20	55.9	5.67	144.0	3.45	87.6	1.35
16GS-20FFORX90L	7347-34565	1	25.4	1 11/16-12	—	1 1/4	5.08	129.0	6.05	153.7	3.83	97.3	2.11
16GS-20FFORX90M	7347-33565	1	25.4	1 11/16-12	—	1 1/4	3.07	78.0	6.05	153.7	3.83	97.3	1.89
16GS-20FFORX90S	7347-32565	1	25.4	1 11/16-12	—	1 1/4	2.52	64.0	6.06	153.9	3.84	97.5	1.78
20GS-20FFORX90L	7347-34645	1 1/4	31.8	1 11/16-12	—	1 1/4	5.08	129.0	6.77	172.0	3.97	100.8	2.86
20GS-20FFORX90M	7347-33645	1 1/4	31.8	1 11/16-12	—	1 1/4	3.07	78.0	6.77	172.0	3.97	100.8	2.46
20GS-20FFORX90S	7347-32645	1 1/4	31.8	1 11/16-12	—	1 1/4	2.52	64.0	6.77	172.0	3.97	100.8	2.35
20GS-24FFORX90-064	7347-76985	1 1/4	31.8	2-12	—	1 1/2	2.52	64.0	6.77	172.0	3.97	100.8	2.82
24GSP-24FFORX90L	7347-34725	1 1/2	38.1	2-12	—	1 1/2	5.54	140.7	7.61	193.3	4.81	122.2	3.11
24GSP-24FFORX90M	7347-33725	1 1/2	38.1	2-12	—	1 1/2	3.41	86.6	7.61	193.3	4.81	122.2	2.75

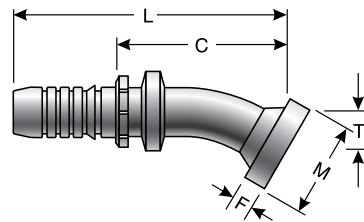
# Conector Espiga para R15/R13/R12/4SP/4SH

## BRIDA CODIGO 61



Descr.	Prod. No.	⊖		M		L		Brida	C		F		Lbs.
		"	mm	"	mm	"	mm		"	mm	"	mm	
6GS-8FL	7347-41155	3/8	9.5	1.19	30.2	3.54	89.9	1/2	54.1	.27	6.9	.22	
8GS-8FL	7347-41245	1/2	12.7	1.19	30.2	3.66	93.0	1/2	55.6	.27	6.9	.18	
8GS-12FL	7347-41265	1/2	12.7	1.50	38.1	3.86	98.1	3/4	60.5	.27	6.9	.18	
8GS-16FL	7347-41285	1/2	12.7	1.75	44.5	2.84	72.1	1	34.8	.32	8.1	.46	
10GS-12FL	7347-41355	5/8	15.9	1.50	38.1	4.29	109.0	3/4	58.7	.27	6.9	.42	
12GS-8FL	7347-41425	3/4	19.1	1.19	30.2	4.41	112.0	1/2	61.0	.27	6.9	.03	
12GS-12FL	7347-41445	3/4	19.1	1.50	38.1	4.37	111.0	3/4	59.9	.27	6.9	.53	
12GS-16FL	7347-41465	3/4	19.1	1.75	44.5	4.37	111.0	1	59.9	.32	8.1	.53	
12GS-20FL	7347-41475	3/4	19.1	2.00	50.8	4.37	111.0	1 1/4	59.9	.32	8.1	.64	
16GS-12FL	7347-41535	1	25.4	1.50	38.1	4.65	118.1	3/4	61.0	.27	6.9	.60	
16GS-16FL	7347-41555	1	25.4	1.75	44.5	4.92	125.0	1	68.6	.32	8.1	.88	
16GS-20FL	7347-41565	1	25.4	2.00	50.8	4.92	125.0	1 1/4	68.3	.32	8.1	.75	
16GS-24FL	7347-41575	1	25.4	2.38	60.5	4.92	125.0	1 1/2	48.3	.32	8.1	1.11	
20GS-16FL	7347-41635	1 1/4	31.8	1.75	44.5	5.35	135.9	1	64.8	.32	8.1	1.17	
20GS-20FL	7347-41645	1 1/4	31.8	2.00	50.8	5.75	146.1	1 1/4	74.9	.32	8.1	1.51	
20GS-24FL	7347-41655	1 1/4	31.8	2.38	60.5	6.30	160.0	1 1/2	88.9	.32	8.1	1.72	
20GS-32FL	7347-41665	1 1/4	31.8	2.81	71.4	5.71	145.0	2	73.9	.38	9.7	.17	
24GSP-20FL	7347-41715	1 1/2	38.1	2.00	50.8	5.74	145.8	1 1/4	72.4	.31	7.9	1.51	
24GSP-24FL	7347-41725	1 1/2	38.1	2.38	60.5	6.02	152.9	1 1/2	79.3	.32	8.1	1.98	
24GSP-32FL	7347-41735	1 1/2	38.1	2.81	71.4	5.79	147.1	2	76.0	.38	9.7	2.05	
32GSP-24FL	7347-41785	2	50.8	2.38	60.5	6.53	165.9	1 1/2	63.3	.32	8.1	2.50	
32GSP-32FL	7347-41795	2	50.8	2.81	71.4	6.27	159.3	2	67.3	.38	9.7	2.56	
32GSP-40FL	7347-41805	2	50.8	3.31	84.1	8.52	216.4	2 1/2	76.0	.38	9.7	2.87	

## BRIDA CODIGO 61 CODO 22°

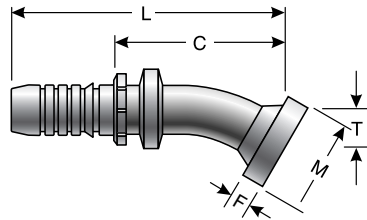


Descr.	Prod. No.	⊖		M		T		L		Brida	C		F		Lbs.
		"	mm	"	mm	"	mm	"	mm		"	mm	"	mm	
8GS-8FL22M	7347-42245	1/2	12.7	1.19	30.2	.35	8.9	3.78	96.0	1/2	58.4	.27	6.9	.24	
12GS-12FL22M	7347-42445	3/4	19.1	1.50	38.1	.43	10.9	5.16	131.1	3/4	80.0	.27	6.9	.55	
12GS-16FL22M	7347-42465	3/4	19.1	1.75	44.5	.55	14.0	5.24	133.1	1	82.0	.32	8.1	.68	
16GS-16FL22M	7347-42555	1	25.4	1.75	44.5	.55	14.0	6.10	154.9	1	98.3	.32	8.1	1.06	
16GS-20FL22M	7347-42565	1	25.4	2.00	50.8	.59	15.0	6.61	167.9	1 1/4	111.0	.32	8.1	.81	
20GS-20FL22M	7347-42645	1 1/4	31.8	2.00	50.8	.59	15.0	7.01	178.1	1 1/4	106.9	.32	8.1	1.58	
20GS-24FL22M	7347-42655	1 1/4	31.8	2.38	60.5	.71	18.0	7.32	185.9	1 1/2	114.8	.32	8.1	2.09	
24GSP-24FL22M	7347-42725	1 1/2	38.1	2.38	60.5	.71	18.0	8.31	211.0	1 1/2	137.4	.32	8.1	2.58	
24GSP-32FL22M	7347-42735	1 1/2	38.1	2.81	71.4	.87	22.1	8.43	214.1	2	214.1	.38	9.7	2.91	
32GSP-32FL22M	7347-42795	2	50.8	2.81	71.4	.97	24.6	10.83	275.1	2	214.1	.38	9.7	4.91	



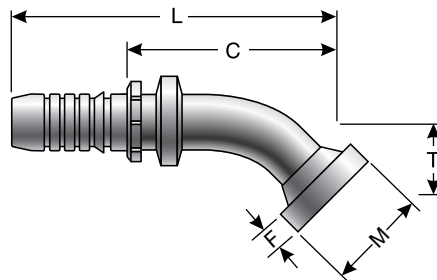
# Conector Espiga para R15/R13/R12/4SP/4SH

## BRIDA CODIGO 61 - CODO 30°



Descr.	Prod. No.	⊖		M		T		L		Brida C		F		Lbs.
		"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	
8GS-12FL30M	7347-43265	1/2	12.7	1.50	38.1	.63	16.0	3.94	100.1	3/4	62.5	.27	6.9	.35
12GS-12FL30M	7347-43445	3/4	19.1	1.50	38.1	.63	16.0	5.08	129.0	3/4	78.0	.27	6.9	.55
12GS-16FL30M	7347-43465	3/4	19.1	1.75	44.5	.75	19.1	4.76	120.9	1	70.1	.32	8.1	.66
16GS-16FL30M	7347-43555	1	25.4	1.75	44.5	.75	19.1	6.02	152.9	1	96.5	.32	8.1	1.06
16GS-20FL30M	7347-43565	1	25.4	2.00	50.8	.87	22.1	6.54	166.1	1 1/4	109.0	.32	8.1	.81
20GS-20FL30M	7347-43645	1 1/4	31.8	2.00	50.8	.87	22.1	6.93	176.0	1 1/4	104.9	.32	8.1	1.58
20GS-24FL30M	7347-43655	1 1/4	31.8	2.38	60.5	1.18	30.0	7.17	182.1	1 1/2	111.0	.32	8.1	2.05
24GSP-24FL30S	7347-43725	1 1/2	38.1	2.38	60.5	.98	24.9	8.23	209.0	1 1/2	134.9	.32	8.1	2.55
24GSP-32FL30M	7347-43735	1 1/2	38.1	2.81	71.4	1.26	32.0	8.27	210.1	2	136.9	.38	9.7	2.90
32GSP-32FL30M	7347-43795	2	50.8	2.81	71.4	1.25	31.8	10.70	271.8	2	180.3	.38	9.7	4.95

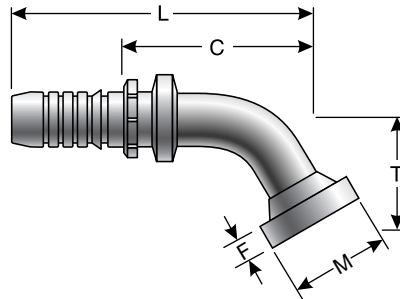
## BRIDA CODIGO 61 - CODO 45°



Descr.	Prod. No.	⊖		M		T		L		Brida C		F		Lbs.
		"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	
6GS-8FL45M	7347-44155	3/8	9.5	1.19	30.2	.75	19.1	3.66	93.0	1/2	57.2	.27	6.9	.26
8GS-8FL45M	7347-44245	1/2	12.7	1.19	30.2	.75	19.1	3.70	94.0	1/2	56.4	.27	6.9	.29
8GS-12FL45M	7347-44265	1/2	12.7	1.50	38.1	1.02	25.9	3.98	101.1	3/4	63.5	.27	6.9	.38
10GS-12FL45M	7347-44355	5/8	15.9	1.50	38.1	1.02	25.9	5.00	127.0	3/4	76.7	.27	6.9	.53
12GS-12FL45M	7347-44445	3/4	19.1	1.50	38.1	1.02	25.9	4.88	124.0	3/4	72.9	.27	6.9	.53
12GS-16FL45S	7347-73135	3/4	19.1	1.75	44.5	1.10	27.9	4.96	126.0	1	74.9	.32	8.1	.68
16GS-16FL45M	7347-44555	1	25.4	1.75	44.5	1.26	32.0	5.79	147.1	1	90.7	.32	8.1	1.06
16GS-20FL45M	7347-44565	1	25.4	2.00	50.8	1.50	38.1	6.22	158.0	1 1/4	100.8	.32	8.1	.84
20GS-16FL45M	7347-44635	1 1/4	31.8	1.75	44.5	1.26	32.0	6.42	163.1	1	92.0	.32	8.1	1.37
20GS-20FL45S	7347-73565	1 1/4	31.8	2.00	50.8	1.26	32.0	6.69	169.9	1 1/4	98.8	.32	8.1	1.60
20GS-24FL45S	7347-73575	1 1/4	31.8	2.38	60.5	1.50	38.1	6.93	176.0	1 1/2	104.9	.32	8.1	2.10
24GSP-20FL45S	7347-44715	1 1/2	38.1	2.00	50.8	1.26	32.0	7.09	180.1	1 1/4	114.1	.32	8.1	2.06
24GSP-24FL45S	7347-44725	1 1/2	38.1	2.38	60.5	1.50	38.1	7.95	201.9	1 1/2	128.3	.32	8.1	2.60
24GSP-32FL45S	7347-44735	1 1/2	38.1	2.81	71.4	2.05	52.1	7.87	199.9	2	126.2	.38	9.7	2.89
32GSP-24FL45S	7347-44785	2	50.8	2.38	60.5	1.50	38.1	8.10	205.8	1 1/2	113.8	.32	8.1	3.05
32GSP-32FL45-066	7347-44805	2	50.8	2.81	71.4	2.60	66.0	10.12	257.1	2	165.1	.38	9.7	4.92

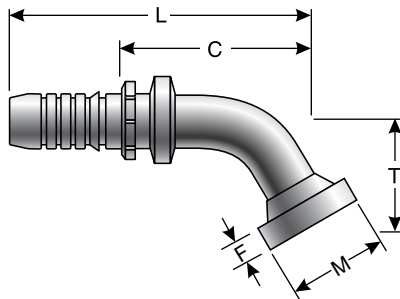
# Conector Espiga para R15/R13/R12/4SP/4SH

## BRIDA CODIGO 61 - CODO 60°



Descr.	Prod. No.	⊖	M		T		L		Brida	C	F		Lbs.	
			"	mm	"	mm	"	mm			"	mm		
8GS-8FL60M	7347-45245	1/2	12.7	1.19	30.2	1.06	26.9	4.09	103.9	1/2	66.6	.27	6.9	.57
12GS-12FL60M	7347-45445	3/4	19.1	1.50	38.1	1.46	37.1	5.39	136.9	3/4	86.1	.27	6.9	.73
12GS-16FL60M	7347-45465	3/4	19.1	1.75	44.5	1.73	43.9	5.35	135.9	1	85.1	.32	8.1	.77
16GS-16FL60M	7347-45555	1	25.4	1.75	44.5	1.73	43.9	6.18	157.0	1	100.8	.32	8.1	1.22
16GS-20FL60M	7347-45565	1	25.4	2.00	50.8	2.17	55.1	6.18	157.0	1 1/4	100.1	.32	8.1	.88
20GS-20FL60M	7347-45645	1 1/4	31.8	2.00	50.8	2.17	55.1	7.36	186.9	1 1/4	115.8	.32	8.1	1.89
20GS-24FL60M	7347-45655	1 1/4	31.8	2.38	60.5	2.52	64.0	7.68	195.1	1 1/2	124.0	.32	8.1	2.49
24GSP-24FL60S	7347-45725	1 1/2	38.1	2.38	60.5	2.08	52.8	9.09	230.9	1 1/2	157.5	.32	8.1	3.03
24GSP-32FL60S	7347-45735	1 1/2	38.1	2.81	71.4	2.95	74.9	9.21	233.9	2	160.0	.38	9.7	3.50
32GSP-32FL60S	7347-45805	2	50.8	2.81	71.4	2.95	74.9	10.20	259.1	2	166.6	.38	9.7	5.11

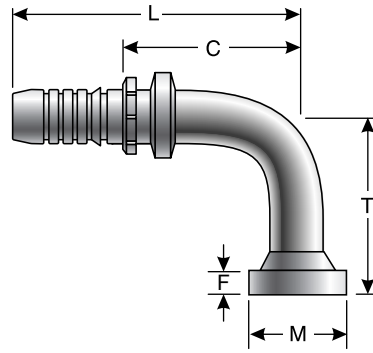
## BRIDA CODIGO 61 - CODO 67°



Descr.	Prod. No.	⊖	M		T		L		Brida	C	F		Lbs.	
			"	mm	"	mm	"	mm			"	mm		
8GS-12FL67-032	7347-78025	1/2	12.7	1.50	38.1	1.26	32.0	3.70	94.0	3/4	56.1	.27	6.9	.36
12GS-12FL67M	7347-46445	3/4	19.1	1.50	38.1	1.65	41.9	5.20	132.1	3/4	81.0	.27	6.9	.73
12GS-16FL67M	7347-46465	3/4	19.1	1.75	44.5	2.01	51.1	5.08	129.0	1	78.0	.32	8.1	.75
16GS-16FL67M	7347-46555	1	25.4	1.75	44.5	2.01	51.1	5.94	150.9	1	94.2	.32	8.1	1.22
16GS-20FL67M	7347-46565	1	25.4	2.00	50.8	2.52	64.0	5.83	148.1	1 1/4	91.2	.32	8.1	.88
20GS-20FL67M	7347-46645	1 1/4	31.8	2.00	50.8	2.52	64.0	7.01	178.1	1 1/4	106.9	.32	8.1	1.89
20GS-24FL67S	7347-76605	1 1/4	31.8	2.38	60.5	2.01	51.1	6.46	164.1	1 1/2	93.0	.32	8.1	.19
24GSP-24FL67S	7347-46725	1 1/2	38.1	2.38	60.5	2.40	61.0	8.90	226.1	1 1/2	149.9	.32	8.1	3.01
24GSP-32FL67S	7347-46735	1 1/2	38.1	2.81	71.4	3.33	84.6	10.20	259.1	2	149.9	.38	9.7	3.50
32GSP-32FL67S	7347-46795	2	50.8	2.81	71.4	3.84	97.5	10.20	259.1	2	166.6	.38	9.7	4.72

# Conector Espiga para R15/R13/R12/4SP/4SH

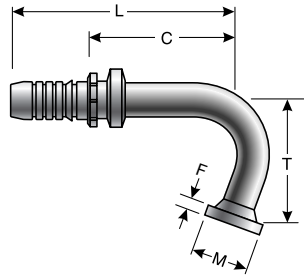
## BRIDA CODIGO 61 - CODO 90°



Descr.	Prod. No.	⊖	M		T		L		Brida C		F		Lbs.	
			"	mm	"	mm	"	mm	"	mm	"	mm		"
6GS-8FL90M	7347-74155	3/8	9.5	1.19	30.2	1.57	39.9	3.43	87.1	1/2	51.3	.27	6.9	.33
8GS-8FL90L	7347-73815	1/2	12.7	1.19	30.2	3.27	83.1	3.46	87.9	1/2	50.6	.27	6.9	.40
8GS-8FL90M	7347-74245	1/2	12.7	1.19	30.2	1.57	39.9	3.46	87.9	1/2	50.6	.27	6.9	.57
8GS-12FL90M	7347-74265	1/2	12.7	1.50	38.1	2.28	57.9	3.46	87.9	3/4	50.3	.27	6.9	.84
10GS-12FL90M	7347-74355	5/8	15.9	1.50	38.1	2.28	57.9	4.33	110.0	3/4	59.7	.27	6.9	.59
12GS-8FL90-050	7347-76035	3/4	19.1	1.19	30.2	1.97	50.0	4.80	121.9	1/2	71.1	.27	6.9	.48
12GS-12FL90-100	7347-73905	3/4	19.1	1.50	38.1	3.94	100.1	4.41	112.0	3/4	61.0	.27	6.9	.86
12GS-12FL90-125	7347-73985	3/4	19.1	1.50	38.1	4.92	125.0	4.80	121.9	3/4	71.1	.27	6.9	.97
12GS-12FL90M	7347-74445	3/4	19.1	1.50	38.1	2.28	57.9	4.41	112.0	3/4	61.0	.27	6.9	.73
12GS-16FL90-080	7347-76805	3/4	19.1	1.75	44.5	3.15	80.0	5.04	128.0	1	77.0	.32	8.1	.08
12GS-16FL90-178	7347-79025	3/4	19.1	1.75	44.5	7.01	178.1	4.41	112.0	1	60.5	.32	8.1	1.22
12GS-16FL90M	7347-73925	3/4	19.1	1.75	44.5	2.76	70.1	4.41	112.0	1	61.0	.32	8.1	.84
12GS-16FL90S	7347-73915	3/4	19.1	1.75	44.5	2.40	61.0	4.41	112.0	1	61.0	.32	8.1	.81
12GS-20FL90-054	7347-73995	3/4	19.1	2.00	50.8	2.13	54.1	5.16	131.1	1 1/4	80.0	.32	8.1	.99
12GS-20FL90-125	7347-78375	3/4	19.1	2.00	50.8	4.92	125.0	4.76	120.9	1 1/4	70.1	.32	8.1	1.10
16GS-12FL90	7347-73255	1	25.4	1.50	38.1	3.15	80.0	5.31	134.9	3/4	78.7	.27	6.9	1.17
16GS-12FL90M	7347-74535	1	25.4	1.50	38.1	2.28	57.9	5.31	134.9	3/4	129.0	.27	6.9	.86
16GS-16FL90-120	7347-73165	1	25.4	1.75	44.5	4.72	119.9	5.28	134.1	1	77.2	.32	8.1	.97
16GS-16FL90-210	7347-78875	1	25.4	1.75	44.5	8.27	210.1	5.28	134.1	1	76.7	.32	8.1	.91
16GS-16FL90M	7347-74555	1	25.4	1.75	44.5	2.76	70.1	5.31	134.9	1	78.5	.32	8.1	1.24
16GS-16FL90S	7347-47555	1	25.4	1.75	44.5	2.40	61.0	5.31	134.9	1	78.5	.32	8.1	1.22
16GS-20FL90M	7347-74565	1	25.4	2.00	50.8	3.54	89.9	5.28	134.1	1 1/4	76.0	.32	8.1	1.33
16GS-20FL90S	7347-47565	1	25.4	2.00	50.8	2.68	68.1	5.28	134.1	1 1/4	76.7	.32	8.1	.88
16GS-24FL90-060	7347-73975	1	25.4	2.38	60.5	2.36	59.9	5.71	145.0	1 1/2	88.1	.32	8.1	1.50
16GS-24FL90S	7347-47575	1	25.4	2.38	60.5	3.19	81.0	5.28	134.1	1 1/2	77.2	.32	8.1	1.42
20GS-16FL90-215	7347-78885	1 1/4	31.8	1.75	44.5	8.46	214.9	6.30	160.0	1	88.9	.32	8.1	2.47
20GS-16FL90M	7347-74635	1 1/4	31.8	1.75	44.5	2.76	70.1	6.30	160.0	1	88.9	.32	8.1	1.61
20GS-20FL90-168	7347-76105	1 1/4	31.8	2.00	50.8	6.61	167.9	6.54	166.1	1 1/4	95.0	.32	8.1	3.36
20GS-20FL90M	7347-74645	1 1/4	31.8	2.00	50.8	3.54	89.9	6.50	165.1	1 1/4	94.0	.32	8.1	2.40
20GS-20FL90S	7347-47645	1 1/4	31.8	2.00	50.8	2.68	68.1	6.50	165.1	1 1/4	94.0	.32	8.1	1.89
20GS-24FL90-118	7347-76085	1 1/4	31.8	2.38	60.5	4.65	118.1	6.50	165.1	1 1/2	94.0	.32	8.1	2.90
20GS-24FL90S	7347-47655	1 1/4	31.8	2.38	60.5	3.19	81.0	6.50	165.1	1 1/2	94.0	.32	8.1	2.49
24GSP-20FL90S	7347-47715	1 1/2	38.1	2.00	50.8	2.68	68.1	6.81	173.0	1 1/4	99.6	.32	8.1	2.27
24GSP-24FL90-148	7347-85625	1 1/2	38.1	2.36	59.9	5.83	148.1	6.89	175.0	1 1/2	101.9	.32	8.1	3.58
24GSP-24FL90M	7347-74725	1 1/2	38.1	2.36	59.9	4.09	103.9	6.89	175.0	1 1/2	101.9	.32	8.1	3.30
24GSP-24FL90S	7347-47725	1 1/2	38.1	2.38	60.5	3.19	81.0	7.24	183.9	1 1/2	110.0	.32	8.1	2.80
24GSP-32FL90-080	7347-47745	1 1/2	38.1	2.81	71.4	3.15	80.0	6.99	177.6	2	101.9	.38	9.7	3.04
24GSP-32FL90-170	7347-85435	1 1/2	38.1	2.81	71.4	6.69	169.9	6.88	174.8	2	101.4	.38	9.7	4.12
24GSP-32FL90S	7347-47735	1 1/2	38.1	2.81	71.4	4.72	119.9	6.90	175.3	2	101.9	.38	9.7	3.56
32GSP-24FL90S	7347-47785	2	50.8	2.36	59.9	3.19	81.0	7.76	197.1	1 1/2	104.9	.31	7.9	3.50
32GSP-32FL90-114	7347-47805	2	50.8	2.81	71.4	4.49	114.1	8.74	222.0	2	130.1	.38	9.7	4.70
32GSP-32FL90-165	7347-85425	2	50.8	2.81	71.4	6.50	165.1	9.69	246.1	2	153.9	.38	9.7	6.79
32GSP-32FL90-200	7347-85455	2	50.8	2.81	71.4	7.97	202.4	8.74	222.0	2	130.3	.38	9.7	6.10
32GSP-40FL90-110	7347-74805	2	50.8	3.31	84.1	4.38	111.3	8.52	216.4	2 1/2	126.5	.38	9.7	6.24

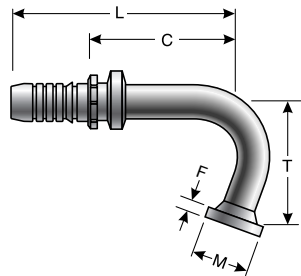
# Conector Espiga para R15/R13/R12/4SP/4SH

## BRIDA CODIGO 61 - CODO 100°



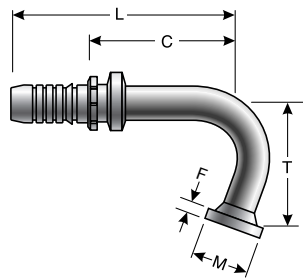
Descr.	Prod. No.	⊖	M		T		L		Brida C	F		Weight		
			"	mm	"	mm	"	mm		"	mm		"	mm
12GS-16FL100-059	7347-78055	3/4	19.1	1.75	44.5	2.32	58.9	4.93	125.2	1	74.2	.32	8.1	.81

## BRIDA CODIGO 61 - CODO 110°



Descr.	Prod. No.	⊖	M		T		L		D	C	F		Lbs.	
			"	mm	"	mm	"	mm			"	mm		
12GS-12FL110-064	7347-76025	3/4	19.1	1.50	38.1	2.52	64.0	5.16	131.1	3/4	80.0	.27	6.9	.77
16GS-16FL110-073	7347-73005	1	25.4	1.75	44.5	2.87	72.9	5.83	148.1	1	91.7	.32	8.1	1.02
16GS-20FL110-073	7347-76455	1	25.4	2.00	50.8	2.87	72.9	4.65	118.1	1 1/4	61.2	.32	8.1	1.20
20GS-20FL110-080	7347-76115	1 1/4	31.8	2.00	50.8	3.15	80.0	7.13	181.1	1 1/4	110.0	.32	8.1	2.13
20GS-24FL110-080	7347-76125	1 1/4	31.8	2.38	60.5	3.15	80.0	7.13	181.1	1 1/2	110.0	.32	8.1	2.77
24GSP-24FL110-094	7347-85635	1 1/2	38.1	2.36	59.9	3.70	94.0	7.95	201.9	1 1/2	128.8	.31	7.9	3.43
32GSP-32FL110-140	7347-85465	2	50.8	2.81	71.4	3.51	89.2	9.80	248.9	2	162.6	.38	9.7	5.84

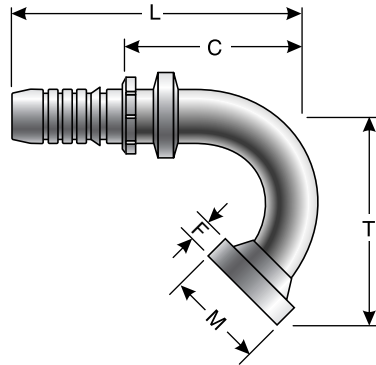
## BRIDA CODIGO 61 - CODO 120°



Descr.	Prod. No.	⊖	M		T		L		Brida C	F		Lbs.		
			"	mm	"	mm	"	mm		"	mm			
24GSP-24FL120-119	7347-85645	1 1/2	38.1	2.36	59.9	4.69	119.1	7.20	182.9	1 1/2	109.5	.31	7.9	3.81

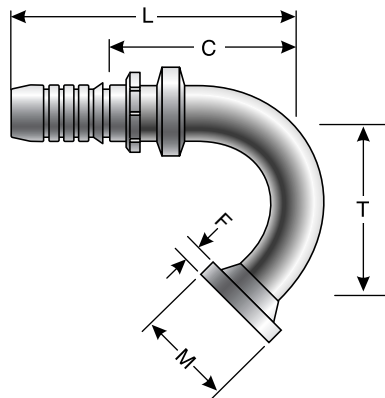
# Conector Espiga para R15/R13/R12/4SP/4SH

## BRIDA CODIGO 61 - CODO 125°



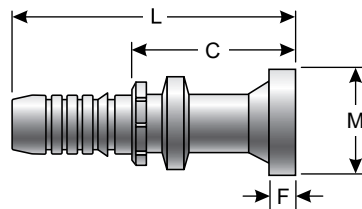
Descr.	Prod. No.	⊖	M		T		L		Brida	C		F		Lbs.
			"	mm	"	mm	"	mm		"	mm	"	mm	
32GSP-32FL125-150	7347-85475	2	50.8	2.81	71.4	3.90	99.1	8.30	210.8	2	119.4	.38	9.7	5.89

## BRIDA CODIGO 61 - CODO 135°



Descr.	Prod. No.	⊖	M		T		L		Brida	C		F		Lbs.
			"	mm	"	mm	"	mm		"	mm	"	mm	
12GS-12FL135-070	7347-76825	3/4	19.1	1.50	38.1	2.76	70.1	3.82	97.0	3/4	46.0	.27	6.9	.07

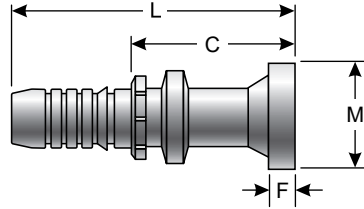
## BRIDA CODIGO 61- KOMATSU



Descr.	Prod. No.	⊖	M		L		Brida	C		F		Lbs.
			"	mm	"	mm		"	mm	"	mm	
8GS-10FLK	7347-55255	1/2	12.7	1.35	34.3	3.21	81.5	5/8	44.2	.27	6.9	.29
10GS-10FLK	7347-73335	5/8	15.9	1.35	34.3	4.49	114.1	5/8	63.8	.27	6.9	.42
12GS-10FLK	7347-73375	3/4	19.1	1.35	34.3	4.33	110.0	5/8	58.9	.27	6.9	.42

# Conector Espiga para R15/R13/R12/4SP/4SH

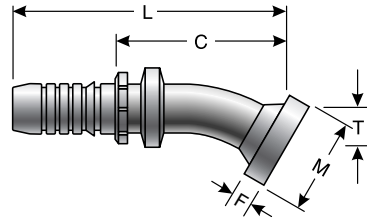
## BRIDA CODIGO 62



Descr.	Prod. No.	⊖		M		L		Brida	C		F		Lbs.
		"	mm	"	mm	"	mm		"	mm	"	mm	
8GS-8FLH	7347-48245	1/2	12.7	1.25	31.8	3.66	93.0	1/2	55.6	.31	7.9	.31	
8GS-12FLH	7347-48265	1/2	12.7	1.63	41.4	3.66	93.0	3/4	55.6	.35	8.9	.37	
10GS-8FLH	7347-48335	5/8	15.9	1.25	31.8	4.29	109.0	1/2	58.7	.31	7.9	.37	
10GS-12FLH	7347-48355	5/8	15.9	1.63	41.4	4.29	109.0	3/4	58.7	.35	8.9	.50	
12GS-12FLH	7347-48445	3/4	19.1	1.63	41.4	4.49	114.1	3/4	63.0	.35	8.9	.59	
12GS-16FLH	7347-48465	3/4	19.1	1.88	47.8	4.49	114.1	1	63.0	.38	9.7	.57	
16GS-12FLH	7347-48535	1	25.4	1.63	41.4	5.08	129.0	3/4	72.6	.35	8.9	1.13	
16GS-16FLH	7347-48555	1	25.4	1.88	47.8	4.92	125.0	1	68.6	.38	9.7	.97	
16GS-20FLH	7347-48565	1	25.4	2.13	54.1	4.92	125.0	1 1/4	68.3	.41	10.4	.88	
20GS-16FLH	7347-48635	1 1/4	31.8	1.88	47.8	6.42	163.1	1	92.0	.38	9.7	1.39	
20GS-20FLH	7347-48645	1 1/4	31.8	2.13	54.1	5.75	146.1	1 1/4	74.9	.41	10.4	1.62	
20GS-24FLH	7347-48655	1 1/4	31.8	2.50	63.5	6.30	160.0	1 1/2	88.9	.50	12.7	1.98	
24GSP-24FLH	7347-48725	1 1/2	38.1	2.50	63.5	6.57	166.9	1 1/2	93.5	.50	12.7	.99	
24GSP-32FLH	7347-48735	1 1/2	38.1	3.13	79.5	6.57	166.9	2	93.5	.50	12.7	2.87	
32GSP-32FLH	7347-48795	2	50.8	3.13	79.5	7.09	180.1	2	87.9	.50	12.7	3.40	

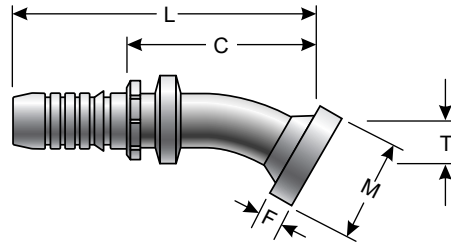
# Conector Espiga para R15/R13/R12/4SP/4SH

## BRIDA CODIGO 62 - CODO 22°



Descr.	Prod. No.	⊖	M		T		L		Brida	C		F		Lbs.
			"	mm	"	mm	"	mm		"	mm	"	mm	
12GS-16FLH22M	7347-49465	3/4	19.1	1.88	47.8	.55	14.0	5.43	137.9	1	87.1	.38	9.7	.77
16GS-16FLH22M	7347-49555	1	25.4	1.88	47.8	.55	14.0	6.10	154.9	1	98.6	.38	9.7	1.13
16GS-20FLH22M	7347-49565	1	25.4	2.13	54.1	.59	15.0	6.61	167.9	1 1/4	114.8	.41	10.4	1.30
20GS-20FLH22M	7347-49645	1 1/4	31.8	2.13	54.1	.59	15.0	7.32	185.9	1 1/4	114.8	.41	10.4	2.14
20GS-24FLH22M	7347-49655	1 1/4	31.8	2.50	63.5	.71	18.0	7.40	188.0	1 1/4	116.8	.50	12.7	2.49

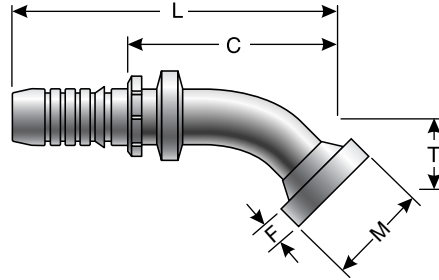
## BRIDA CODIGO 62 - CODO 30°



Descr.	Prod. No.	⊖	M		T		L		D	C		F		Lbs.
			"	mm	"	mm	"	mm		"	mm	"	mm	
12GS-12FLH30M	7347-50445	3/4	19.1	1.63	41.4	.63	16.0	5.08	129.0	3/4	78.0	.35	8.9	.06
12GS-16FLH30M	7347-50465	3/4	19.1	1.88	47.8	.75	19.1	5.08	129.0	1	78.0	.38	9.7	.77
16GS-16FLH30M	7347-50555	1	25.4	1.88	47.8	.75	19.1	6.02	152.9	1	96.5	.38	9.7	1.13
16GS-20FLH30M	7347-50565	1	25.4	2.13	54.1	1.50	38.1	6.22	158.0	1 1/4	101.1	.41	10.4	1.30
20GS-20FLH30M	7347-50645	1 1/4	31.8	2.13	54.1	.87	22.1	7.24	183.9	1 1/4	112.8	.41	10.4	2.09
20GS-24FLH30M	7347-50655	1 1/4	31.8	2.50	63.5	1.18	30.0	7.24	183.9	1 1/2	112.8	.50	12.7	2.55

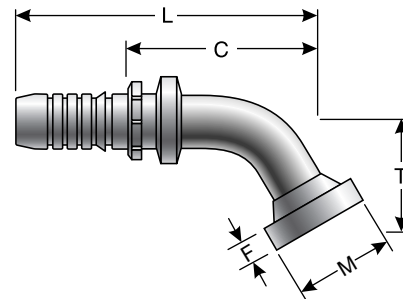
# Conector Espiga para R15/R13/R12/4SP/4SH

## BRIDA CODIGO 62 - CODO 45°



Descr.	Prod. No.	⊖	M		T		L		Brida C		F		Lbs.	
			"	mm	"	mm	"	mm	"	mm	"	mm		
8GS-8FLH45M	7347-51245	1/2	12.7	1.25	31.8	.75	19.1	3.70	94.0	1/2	56.4	.31	7.9	.30
8GS-12FLH45M	7347-51265	1/2	12.7	1.63	41.4	1.02	25.9	3.98	101.1	3/4	63.5	.35	8.9	.42
10GS-12FLH45M	7347-51355	5/8	15.9	1.63	41.4	1.02	25.9	5.00	127.0	3/4	76.7	.35	8.9	.60
12GS-8FLH45M	7347-51425	3/4	19.1	1.25	31.8	.75	19.1	4.56	115.8	1/2	64.8	.31	7.9	.43
12GS-12FLH45M	7347-51445	3/4	19.1	1.63	41.4	1.02	25.9	4.88	124.0	3/4	72.9	.35	8.9	.66
12GS-16FLH45M	7347-51465	3/4	19.1	1.88	47.8	1.26	32.0	5.12	130.1	1	79.0	.38	9.7	.77
16GS-12FLH45M	7347-51535	1	25.4	1.63	41.4	1.02	25.9	5.55	141.0	3/4	84.6	.35	8.9	.95
16GS-16FLH45M	7347-51555	1	25.4	1.88	47.8	1.26	32.0	5.79	147.1	1	90.7	.38	9.7	1.13
16GS-20FLH45M	7347-51565	1	25.4	2.13	54.1	1.50	38.1	6.22	158.0	1 1/4	101.1	.41	10.4	.95
20GS-16FLH45M	7347-51635	1 1/4	31.8	1.88	47.8	1.26	32.0	6.73	170.9	1	99.8	.38	9.7	1.50
20GS-20FLH45M	7347-51645	1 1/4	31.8	2.13	54.1	1.50	38.1	6.93	176.0	1 1/4	104.9	.41	10.4	2.04
20GS-24FLH45M	7347-51655	1 1/4	31.8	2.50	63.5	1.73	43.9	6.93	176.0	1 1/2	104.9	.50	12.7	2.55
24GSP-24FLH45M	7347-51725	1 1/2	38.1	2.50	63.5	1.73	43.9	7.56	192.0	1 1/2	118.1	.50	12.7	2.70
24GSP-32FLH45S	7347-51735	1 1/2	38.1	3.13	79.5	2.05	52.1	7.87	199.9	2	126.5	.50	12.7	3.48
32GSP-32FLH45-066	7347-51805	2	50.8	3.13	79.5	2.60	66.0	10.67	271.0	2	179.3	.50	12.7	5.65

## BRIDA CODIGO 62 - CODO 60°

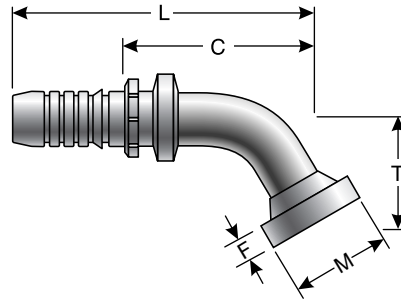


Descr.	Prod. No.	⊖	M		T		L		Brida C		F		Lbs.	
			"	mm	"	mm	"	mm	"	mm	"	mm		
12GS-12FLH60M	7347-52445	3/4	19.1	1.63	41.4	1.46	37.1	5.39	136.9	3/4	86.1	.35	8.9	.99
12GS-16FLH60M	7347-52465	3/4	19.1	1.88	47.8	1.73	43.9	5.35	135.9	1	85.1	.38	9.7	.81
16GS-16FLH60M	7347-52555	1	25.4	1.88	47.8	1.73	43.9	6.18	157.0	1	100.6	.38	9.7	1.28
20GS-20FLH60M	7347-52645	1 1/4	31.8	2.13	54.1	2.17	55.1	7.32	185.9	1 1/4	114.8	.41	10.4	2.29
20GS-24FLH60M	7347-52655	1 1/4	31.8	2.50	63.5	2.52	64.0	7.64	194.1	1 1/2	122.9	.50	12.7	2.84



# Conector Espiga para R15/R13/R12/4SP/4SH

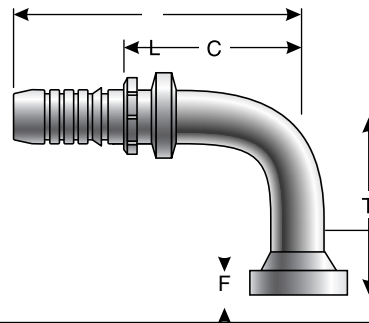
## BRIDA CODIGO 62 - CODO 67°



Descr.	Prod. No.	⊖	M		T		L		Brida C		F		Lbs.
			"	mm	"	mm	"	mm	"	mm	"	mm	
16GS-16FLH67M	7347-53555	1	25.4	1.88	47.8	2.01	51.1	5.94	1	94.5	.38	9.7	1.28

150.9

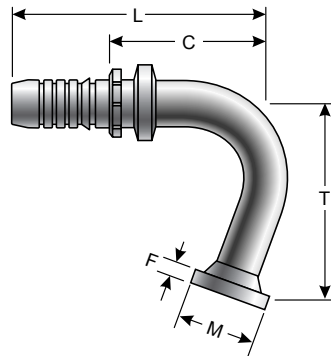
## BRIDA CODIGO 62 - CODO 90°



Descr.	Prod. No.	⊖	M		T		L		Brida C		F		Lbs.	
			"	mm	"	mm	"	mm	"	mm	"	mm		
8GS-8FLH90-080	7347-73825	1/2	12.7	1.25	31.8	3.15	80.0	3.46	87.9	1/2	50.6	.31	7.9	.40
8GS-8FLH90M	7347-75245	1/2	12.7	1.25	31.8	1.57	39.9	3.46	87.9	1/2	50.6	.31	7.9	.57
8GS-12FLH90M	7347-75265	1/2	12.7	1.63	41.4	2.28	57.9	3.46	87.9	3/4	50.6	.35	8.9	.46
10GS-8FLH90M	7347-75335	5/8	15.9	1.25	31.8	1.57	39.9	4.45	113.0	1/2	62.7	.31	7.9	.59
10GS-12FLH90M	7347-75355	5/8	15.9	1.63	41.4	2.28	57.9	4.33	110.0	3/4	59.7	.35	8.9	.66
12GS-12FLH90-100	7347-73835	3/4	19.1	1.63	41.4	3.94	100.1	4.41	112.0	3/4	61.0	.35	8.9	.90
12GS-12FLH90-122	7347-76415	3/4	19.1	1.63	41.4	4.80	121.9	4.80	121.9	3/4	71.1	.35	8.9	.99
12GS-12FLH90M	7347-75445	3/4	19.1	1.63	41.4	2.28	57.9	4.41	112.0	3/4	61.0	.35	8.9	.75
12GS-16FLH90-140	7347-76715	3/4	19.1	1.88	47.8	5.51	140.0	4.57	116.1	1	65.0	.38	9.7	.11
12GS-16FLH90M	7347-73935	3/4	19.1	1.88	47.8	2.76	70.1	4.41	112.0	1	61.0	.38	9.7	.92
12GS-16FLH90S	7347-54465	3/4	19.1	1.88	47.8	2.40	61.0	4.41	112.0	1	61.0	.38	9.7	.83
12GS-20FLH90M	7347-75475	3/4	19.1	2.13	54.1	3.54	89.9	4.80	121.9	1 1/4	71.1	.41	10.4	.54
16GS-12FLH90M	7347-54535	1	25.4	1.63	41.4	2.28	57.9	5.31	134.9	3/4	78.5	.35	8.9	1.28
16GS-16FLH90-090	7347-78105	1	25.4	1.88	47.8	3.54	89.9	5.52	140.2	1	83.3	.38	9.7	1.32
16GS-16FLH90-120	7347-73015	1	25.4	1.88	47.8	4.72	119.9	5.28	134.1	1	77.2	.38	9.7	1.50
16GS-16FLH90M	7347-75555	1	25.4	1.88	47.8	2.76	70.1	5.31	134.9	1	78.5	.38	9.7	1.30
16GS-16FLH90S	7347-54555	1	25.4	1.88	47.8	2.40	61.0	5.31	134.9	1	78.5	.38	9.7	1.28
16GS-20FLH90M	7347-75565	1	25.4	2.13	54.1	3.54	89.9	5.28	134.1	1 1/4	76.7	.41	10.4	1.44
16GS-20FLH90S	7347-54565	1	25.4	2.13	54.1	2.68	68.1	5.28	134.1	1 1/4	76.7	.41	10.4	1.07
16GS-24FLH90S	7347-54575	1	25.4	2.50	63.5	3.19	81.0	5.28	134.1	1 1/2	77.2	.50	12.7	2.00
20GS-16FLH90-100	7347-76185	1 1/4	31.8	1.88	47.8	3.94	100.1	6.30	160.0	1	88.9	.38	9.7	1.83
20GS-16FLH90M	7347-75635	1 1/4	31.8	1.88	47.8	2.76	70.1	6.30	160.0	1	88.9	.38	9.7	1.67
20GS-16FLH90S	7347-54635	1 1/4	31.8	1.88	47.8	2.40	61.0	6.30	160.0	1	88.9	.38	9.7	1.61
20GS-20FLH90-076	7347-73635	1 1/4	31.8	2.13	54.1	2.99	76.0	6.50	165.1	1 1/4	94.0	.41	10.4	2.42
20GS-20FLH90-120	7347-76135	1 1/4	31.8	2.13	54.1	4.72	119.9	6.50	165.1	1 1/4	94.0	.41	10.4	2.95
20GS-20FLH90-152	7347-76485	1 1/4	31.8	2.13	54.1	5.98	151.9	6.50	165.1	1 1/4	94.0	.41	10.4	3.21
20GS-20FLH90M	7347-75645	1 1/4	31.8	2.13	54.1	3.54	89.9	6.50	165.1	1 1/4	94.0	.41	10.4	2.45
20GS-24FLH90S	7347-54655	1 1/4	31.8	2.50	63.5	3.19	81.0	6.50	165.1	1 1/2	94.0	.50	12.7	2.91
24GSP-24FLH90-094	7347-79105	1 1/2	38.1	2.50	63.5	3.70	94.0	6.91	175.5	1 1/2	101.9	.50	12.7	3.12
24GSP-32FLH90S	7347-54735	1 1/2	38.1	3.13	79.5	4.72	119.9	6.96	176.8	2	103.1	.49	12.5	3.98
32GSP-32FLH90M	7347-75795	2	50.8	3.13	79.5	5.40	137.2	8.72	221.5	2	129.3	.50	12.7	6.21

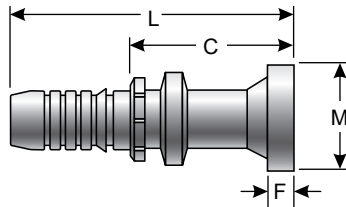
# Conector Espiga para R15/R13/R12/4SP/4SH

## BRIDA CODIGO 62 - CODO 110°



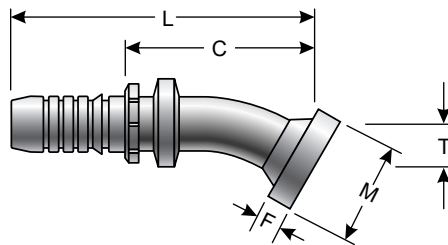
Descr.	Prod. No.	⊖	M		T		L		Brida	C		F		Lbs.
			"	mm	"	mm	"	mm		"	mm	"	mm	
12GS-12FLH110-064	7347-78525	3/4	19.1	1.50	38.1	2.76	70.1	3.82	97.0	3/4	46.0	.27	6.9	.80

## BRIDA CATERPILLAR



Descr.	Prod. No.	⊖	M		L		Brida	C		F		Lbs.
			"	mm	"	mm		"	mm	"	mm	
12GS-12FLC	7347-62445	3/4	19.1	1.63	41.4	5.71	145.0	3/4	94.0	.56	14.2	.86
12GS-16FLC	7347-62465	3/4	19.1	1.88	47.8	5.71	145.0	1	94.0	.56	14.2	.92
16GS-16FLC	7347-62555	1	25.4	1.88	47.8	6.10	154.9	1	98.3	.56	14.2	1.19
16GS-20FLC	7347-62565	1	25.4	2.13	54.1	6.10	154.9	1 1/4	98.3	.56	14.2	1.30
20GS-20FLC	7347-62645	1 1/4	31.8	2.13	54.1	7.36	186.9	1 1/4	115.8	.56	14.2	2.09
20GS-24FLC	7347-62655	1 1/4	31.8	2.50	63.5	7.36	186.9	1 1/2	115.8	.56	14.2	2.37

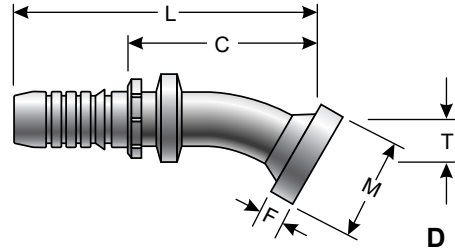
## BRIDA CATERPILLAR - CODO 22°



Descr.	Prod. No.	⊖	M		T		L		D	C		F		Lbs.
			"	mm	"	mm	"	mm		"	mm	"	mm	
12GS-12FLC22-016	7347-63445	3/4	19.1	1.63	41.4	.63	16.0	5.63	143.0	3/4	92.0	.56	14.2	.86
16GS-16FLC22-017	7347-63555	1	25.4	1.88	47.8	.67	17.0	6.02	152.9	1	96.0	.56	14.2	1.19
16GS-20FLC22-017	7347-63565	1	25.4	2.13	54.1	.67	17.0	6.02	152.9	1 1/4	96.0	.56	14.2	1.30
20GS-20FLC22-017	7347-63645	1 1/4	31.8	2.13	54.1	.67	17.0	7.28	184.9	1 1/4	113.8	.56	14.2	2.14
20GS-24FLC22-017	7347-63655	1 1/4	31.8	2.50	63.5	.67	17.0	7.28	184.9	1 1/2	113.8	.56	14.2	2.37

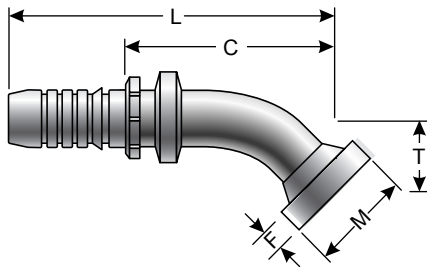
# Conector Espiga para R15/R13/R12/4SP/4SH

## BRIDA CATERPILLAR - CODO 30°



Descr.	Prod. No.	⊖	M		T		L		Brida C		F		Lbs.	
			"	mm	"	mm	"	mm	"	mm	"	mm		
12GS-12FLC30-022	7347-64445	3/4	19.1	1.63	41.4	.87	22.1	5.51	140.0	3/4	88.9	.56	14.2	.86
12GS-16FLC30-022	7347-64465	3/4	19.1	1.88	47.8	.87	22.1	5.55	141.0	1	89.9	.56	14.2	.95
16GS-16FLC30-023	7347-64555	1	25.4	1.88	47.8	.91	23.1	5.94	150.9	1	93.7	.56	14.2	1.22
16GS-20FLC30-023	7347-64565	1	25.4	2.13	54.1	.91	23.1	5.94	150.9	1 1/4	93.7	.56	14.2	1.30
20GS-20FLC30-024	7347-64645	1 1/4	31.8	2.13	54.1	.94	23.9	7.20	182.9	1 1/4	112.0	.56	14.2	2.09
20GS-24FLC30-024	7347-64655	1 1/4	31.8	2.50	63.5	.94	23.9	7.20	182.9	1 1/2	112.0	.56	14.2	2.37

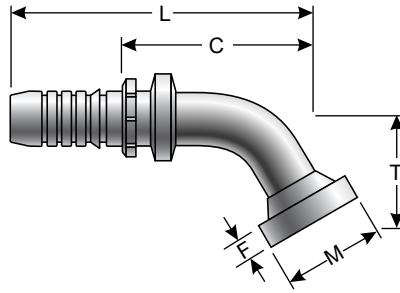
## BRIDA CATERPILLAR - CODO 45°



Descr.	Prod. No.	⊖	M		T		L		Brida C		F		Lbs.	
			"	mm	"	mm	"	mm	"	mm	"	mm		
12GS-12FLC45-035	7347-65445	3/4	19.1	1.63	41.4	1.38	35.1	5.24	133.1	3/4	82.0	.56	14.2	.86
12GS-12FLC45-066	7347-76425	3/4	19.1	1.63	41.4	2.60	66.0	6.50	165.1	3/4	114.1	.56	14.2	.94
12GS-16FLC45-035	7347-65465	3/4	19.1	1.88	47.8	1.38	35.1	5.24	133.1	1	82.0	.56	14.2	.95
16GS-16FLC45-037	7347-65555	1	25.4	1.88	47.8	1.46	37.1	5.63	143.0	1	86.4	.56	14.2	1.19
16GS-20FLC45-037	7347-65565	1	25.4	2.13	54.1	1.46	37.1	5.63	143.0	1 1/4	86.4	.56	14.2	1.30
20GS-20FLC45-037	7347-65645	1 1/4	31.8	2.13	54.1	1.46	37.1	6.93	176.0	1 1/4	104.9	.56	14.2	2.09
20GS-24FLC45-037	7347-65655	1 1/4	31.8	2.50	63.5	1.46	37.1	6.93	176.0	1 1/2	104.9	.56	14.2	2.31

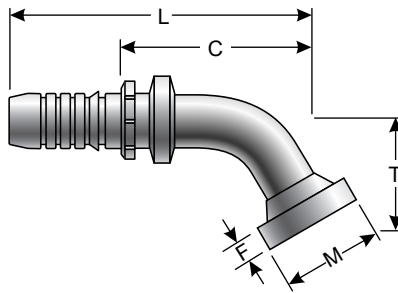
# Conector Espiga para R15/R13/R12/4SP/4SH

## BRIDA CATERPILLAR - CODO 60°



Descr.	Prod. No.	⊖	M		T		L		Brida	C	F		Lbs.	
			"	mm	"	mm	"	mm			"	mm		"
12GS-16FLC60-048	7347-66465	3/4	19.1	1.88	47.8	1.89	48.0	5.75	146.1	1	95.0	.56	14.2	.95
16GS-16FLC60-050	7347-66555	1	25.4	1.88	47.8	1.97	50.0	6.42	163.1	1	105.9	.56	14.2	1.28
16GS-20FLC60-050	7347-66565	1	25.4	2.13	54.1	1.97	50.0	6.42	163.1	1 1/4	105.9	.56	14.2	1.41
20GS-20FLC60-052	7347-66645	1 1/4	31.8	2.13	54.1	2.05	52.1	7.80	198.1	1 1/4	127.0	.56	14.2	2.44
20GS-24FLC60-052	7347-66655	1 1/4	31.8	2.50	63.5	2.05	52.1	7.80	198.1	1 1/4	127.0	.56	14.2	2.73

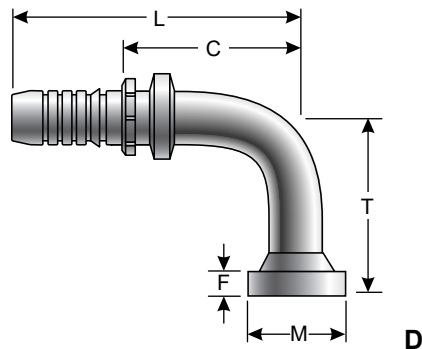
## BRIDA CATERPILLAR - CODO 67°



Descr.	Prod. No.	⊖	M		T		L		D	C	F		Lbs.	
			"	mm	"	mm	"	mm			"	mm		"
16GS-16FLC67-057	7347-67555	1	25.4	1.88	47.8	2.24	56.9	6.14	156.0	1	99.1	.56	14.2	1.28
16GS-20FLC67-057	7347-67565	1	25.4	2.13	54.1	2.24	56.9	6.14	156.0	1 1/4	99.1	.56	14.2	1.41
20GS-20FLC67-059	7347-67645	1 1/4	31.8	2.13	54.1	2.32	58.9	7.52	191.0	1 1/4	119.9	.56	14.2	2.44
20GS-24FLC67-059	7347-67655	1 1/4	31.8	2.50	63.5	2.32	58.9	7.52	191.0	1 1/2	119.9	.56	14.2	2.73

# Conector Espiga para R15/R13/R12/4SP/4SH

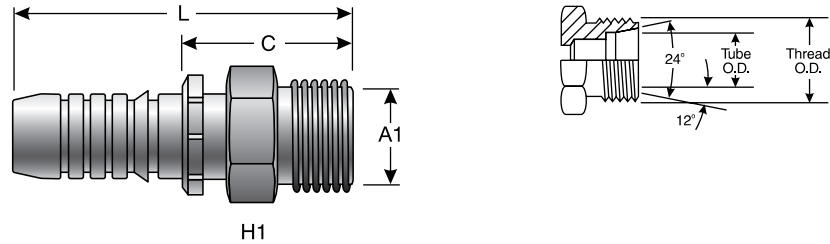
## BRIDA CATERPILLAR - CODO 90°



Descr.	Prod. No.	⊖		M		T		L		Brida		C		F		Lbs.
		"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	
12GS-12FLC90-068	7347-73945	3/4	19.1	1.63	41.4	2.68	68.1	4.92	125.0	3/4	73.9	.56	14.2	.88		
12GS-12FLC90-128	7347-76015	3/4	19.1	1.63	41.4	5.04	128.0	4.61	117.1	3/4	66.0	.56	14.2	1.10		
12GS-16FLC90-068	7347-73955	3/4	19.1	1.88	47.8	2.68	68.1	4.61	117.1	1	66.0	.56	14.2	1.01		
16GS-16FLC90-074	7347-68555	1	25.4	1.88	47.8	2.91	73.9	5.16	131.1	1	74.2	.56	14.2	1.28		
16GS-16FLC90-132	7347-73035	1	25.4	1.88	47.8	5.20	132.1	5.16	131.1	1	74.2	.56	14.2	1.55		
16GS-20FLC90-074	7347-68565	1	25.4	2.13	54.1	2.91	73.9	5.16	131.1	1 1/4	74.2	.56	14.2	1.41		
16GS-20FLC90-132	7347-68585	1	25.4	2.13	54.1	5.19	131.8	5.15	130.8	1 1/4	74.2	.56	14.2	1.84		
20GS-20FLC90-077	7347-68645	1 1/4	31.8	2.13	54.1	3.03	77.0	6.54	166.1	1 1/4	95.0	.56	14.2	2.44		
20GS-20FLC90-150	7347-68685	1 1/4	31.8	2.13	54.1	5.90	149.9	9.48	240.8	1 1/4	170.2	.56	14.2	4.03		
20GS-24FLC90-077	7347-68655	1 1/4	31.8	2.50	63.5	3.03	77.0	6.54	166.1	1 1/2	95.0	.56	14.2	2.66		

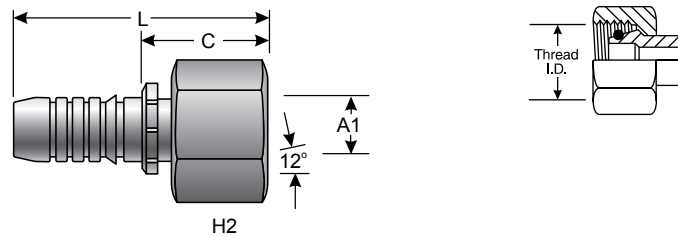
# Conector Espiga para R15/R13/R12/4SP/4SH

## MACHO MILIMETRICO LIVIANO



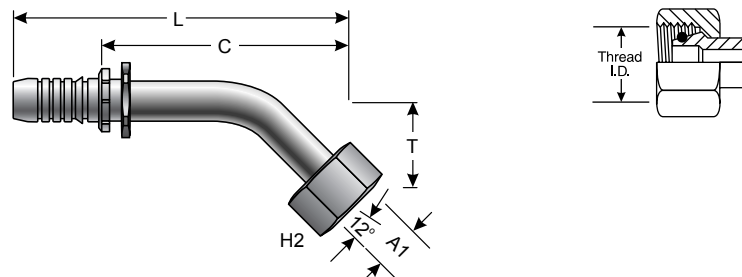
Descr.	Prod. No.	⊖		Machos	H1	Tubo	L	Macho mm		C	A1	Lbs.
		"	mm					"	mm			
6GS-12MDL	7347-93445	3/8	9.5	M18X1.5	22.0	12	2.51	63.8	18	27.9	12.0	.09
8GS-15MDL	7347-90625	1/2	12.7	M22X1.5	24.0	15	2.48	63.0	22	25.4	15.0	.14
12GS-22MDL	7347-93565	3/4	19.1	M30X2.0	32.0	22	3.13	79.5	30	28.5	22.0	.32
16GS-28MDL	7347-91495	1	25.4	M36X2.0	41.0	28	3.54	89.9	36	33.3	28.0	.05

## HEMBRA MILIMETRICA LIVIANA CON ORING



Descr.	Prod. No.	⊖		Machos	H1	Tubo	L	Hembra mm		C	A1	Lbs.
		"	mm					"	mm			
6GS-12FDLORX	7347-92815	3/8	9.5	M18X1.5	—	12	2.87	72.9	18	37.1	12.0	.17
8GS-15FDLORX	7347-90595	1/2	12.7	M22X1.5	—	15	2.87	72.9	22	35.6	15.0	.43
10GS-18FDLORX	7347-92105	5/8	15.9	M26X1.5	—	18	3.61	91.7	26	41.4	18.0	.42
12GS-22FDLORX	7347-92125	3/4	19.1	M30X2.0	—	22	3.82	97.0	30	46.0	22.0	.60
12GS-28FDLORX	7347-92165	3/4	19.1	M36X2.0	—	28	3.90	99.1	36	48.1	28.0	.70
16GS-28FDLORX	7347-90795	1	25.4	M36X2.0	—	28	4.13	104.9	36	48.5	28.0	.84
20GS-35FDLORX	7347-94135	1 1/4	31.8	M45X2.0	—	35	5.21	132.3	45	61.2	35.0	1.49

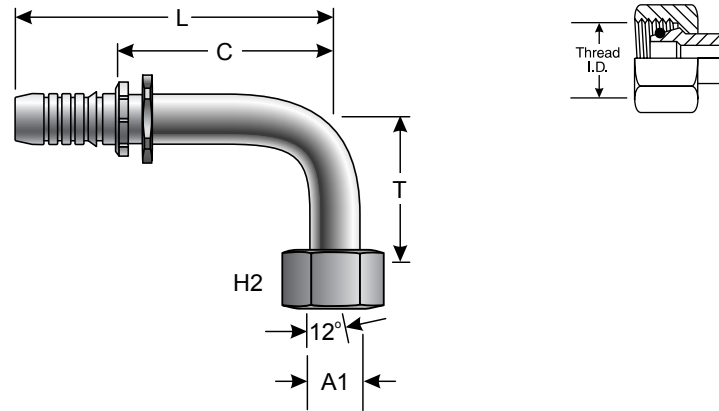
## HEMBRA MILIMETRICA LIVIANA CON ORING- CODO 45°



Descr.	Prod. No.	⊖		Machos	H1	Tubo	T	L	Hembra mm		C	A1	Lbs.	
		"	mm						"	mm				
8GS-15FDLORX45	7347-90605	1/2	12.7	M22X1.5	—	15	.79	20.1	3.72	94.5	22	57.2	15.0	.29
12GS-22FDLORX45	7347-92525	3/4	19.1	M30X2.0	—	22	1.17	29.7	5.35	135.9	30	84.8	22.0	.07
16GS-28FDLORX45	7347-91525	1	25.4	M36X2.0	—	28	1.21	30.7	6.12	155.5	36	99.1	28.0	1.20

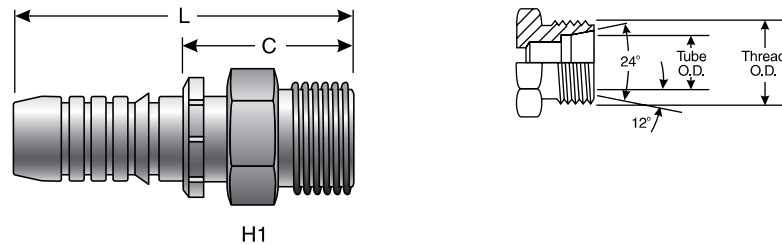
# Conector Espiga para R15/R13/R12/4SP/4SH

## HEMBRA MILIMETRICA LIVIANA CON ORING- CODO 90°



Descr.	Prod. No.	⊖		M	H1 Tubo	T	L	Hembra mm		C	A1	Lbs.		
		"	mm					mm	mm					
6GS-12FDLORX90	7347-92455	3/8	9.5	M19X1.5	—	12	1.45	36.8	3.07	78.0	19	42.2	12.0	.20
8GS-15FDLORX90	7347-90615	1/2	12.7	M22X1.5	—	15	1.65	41.9	3.46	87.9	22	50.3	15.0	.32
10GS-18FDLORX90	7347-92515	5/8	15.9	M26X1.5	—	18	2.03	51.6	4.47	113.5	26	63.3	18.0	.27
12GS-22FDLORX90M	7347-92135	3/4	19.1	M30X2.0	—	22	2.44	62.0	4.86	123.4	30	72.6	22.0	.88
16GS-28FDLORX90M	7347-90765	1	25.4	M36X2.0	—	28	2.76	70.1	5.82	147.8	36	68.8	28.0	1.39

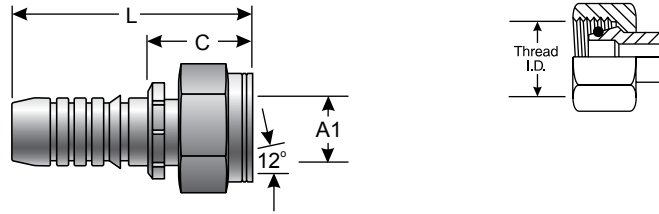
## MACHO MILIMETRICO PESADO



Descr.	Prod. No.	⊖		M	H1 Tubo	L	Macho mm		C	A1	Lbs.	
		"	mm				mm	mm				
6GS-12MDH	7347-01785	3/8	9.5	M20X1.5	22.0	12	2.51	63.8	1.10	27.9	12.0	.10
6GS-14MDH	7347-92675	3/8	9.5	M22X1.5	24.0	14	2.59	65.8	1.18	30.0	14.0	.16
8GS-16MDH	7347-91325	1/2	12.7	M24X1.5	27.0	16	1.17	29.7	1.18	30.0	16.0	.20
10GS-20MDH	7347-92695	5/8	15.9	M30X2.0	32.0	20	3.35	85.1	1.37	34.8	20.0	.16
12GS-20MDH	7347-92255	3/4	19.1	M30X2.0	32.0	20	3.35	85.1	1.34	34.0	20.0	.38
12GS-25MDH	7347-92265	3/4	19.1	M36X2.0	41.0	25	3.50	88.9	1.50	38.1	25.0	.59
12GS-30MDH	7347-93765	3/4	19.1	M42X2.0	46.0	30	3.90	99.1	1.06	26.9	30.0	.86
16GS-25MDH	7347-91505	1	25.4	M36X2.0	41.0	25	3.82	97.0	1.58	40.1	25.0	.03
16GS-30MDH	7347-91515	1	25.4	M42X2.0	46.0	30	3.90	99.1	1.66	42.2	30.0	.78
20GS-38MDH	7347-93295	1 1/4	31.8	M52X2.0	55.0	38	4.84	122.9	2.04	51.8	38.0	1.54

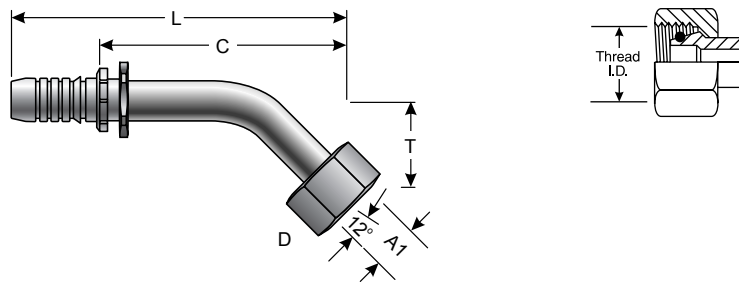
# Conector Espiga para R15/R13/R12/4SP/4SH

## HEMBRA MILIMETRICA PESADA CON ORING



Descr.	Prod. No.	⊖		H1 Tubo	L	Hembra mm	C	A1	Lbs.			
		"	mm									
6GS-10FDHORX	7347-92635	3/8	9.5	M18X1.5	—	10	3.24	82.3	18	35.8	10.0	.19
6GS-12FDHORX	7347-92645	3/8	9.5	M20X1.5	—	12	2.87	72.9	20	37.1	12.0	.02
6GS-14FDHORX	7347-92085	3/8	9.5	M22X1.5	—	14	2.97	75.4	22	39.6	14.0	.26
8GS-12FDHORX	7347-95195	1/2	12.7	M20X1.5	—	12	2.87	72.9	20	38.9	12.0	.22
8GS-14FDHORX	7347-92095	1/2	12.7	M22X1.5	—	14	3.01	76.5	22	38.9	14.0	.27
8GS-16FDHORX	7347-91335	1/2	12.7	M24X1.5	—	16	3.11	79.0	24	41.4	16.0	.32
8GS-20FDHORX	7347-92715	1/2	12.7	M30X2.0	—	20	3.11	79.0	30	49.9	20.0	.48
10GS-20FDHORX	7347-92115	5/8	15.9	M30X2.0	—	20	3.94	100.1	30	49.9	20.0	.58
10GS-25FDHORX	7347-93425	5/8	15.9	M36X2.0	—	25	4.09	103.9	36	53.6	25.0	.95
12GS-20FDHORX	7347-92145	3/4	19.1	M30X2.0	—	20	4.06	103.1	30	52.1	20.0	.48
12GS-25FDHORX	7347-92155	3/4	19.1	M36X2.0	—	25	4.23	107.4	36	56.4	25.0	.94
16GS-25FDHORX	7347-91535	1	25.4	M36X2.0	—	25	4.57	116.1	36	59.7	25.0	1.16
16GS-30FDHORX	7347-90805	1	25.4	M42X2.0	—	30	4.65	118.1	42	61.7	30.0	1.28
16GS-38FDHORX	7347-94225	1	25.4	M52X2.0	—	38	4.40	111.8	52	55.1	38.0	1.70
20GS-38FDHORX	7347-93305	1 1/4	31.8	M52X2.0	—	38	5.71	145.0	52	73.9	38.0	2.23

## HEMBRA MILIMETRICA PESADA CON ORING- CODO 45°

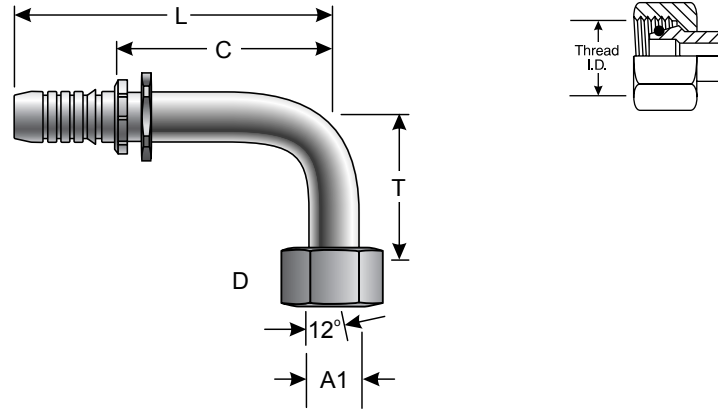


Descr.	Prod. No.	⊖		H1 Tubo	T	L	Hembra mm	C	A1	Lbs.				
		"	mm											
6GS-12FDHORX45	7347-92425	3/8	9.5	M20X1.5	—	12	2.87	72.9	2.97	75.4	20	35.8	12.0	.21
6GS-14FDHORX45	7347-92465	3/8	9.5	M22X1.5	—	14	2.97	75.4	3.31	84.1	22	37.1	14.0	.27
8GS-16FDHORX45M	7347-91345	1/2	12.7	M24X1.5	—	16	.85	21.6	3.70	94.0	24	56.6	16.0	.37
10GS-20FDHORX45	7347-92325	5/8	15.9	M30X2.0	—	20	.98	24.9	4.79	121.7	30	71.4	20.0	.06
12GS-20FDHORX45	7347-93285	3/4	19.1	M30X2.0	—	20	1.17	29.7	6.33	160.8	30	110.0	20.0	.90
12GS-25FDHORX45M	7347-92175	3/4	19.1	M36X2.0	—	25	1.23	31.2	5.31	134.9	36	86.4	25.0	1.14
16GS-25FDHORX45M	7347-91545	1	25.4	M36X2.0	—	25	1.38	35.1	3.90	99.1	36	42.2	25.0	1.41
16GS-30FDHORX45	7347-91565	1	25.4	M42X2.0	—	30	1.38	35.1	6.29	159.8	42	103.4	30.0	1.45
20GS-38FDHORX45M	7347-93415	1 1/4	31.8	M52X2.0	—	38	1.67	42.4	7.72	196.1	52	125.0	38.0	3.08



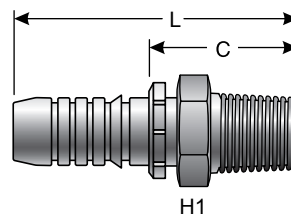
# Conector Espiga para R15/R13/R12/4SP/4SH

## HEMBRA MILIMETRICA PESADA CON ORING- CODO 90°



Descr.	Prod. No.	⊖		🌀	H1	Tubo	T	L	Hembra			Lbs.		
		"	mm						mm	mm	mm		mm	
6GS-12FDH0RX90	7347-92435	3/8	9.5	M20X1.5	—	12	1.45	36.8	3.07	78.0	<b>20</b>	37.1	12.0	.23
6GS-14FDH0RX90	7347-92475	3/8	9.5	M22X1.5	—	14	1.57	39.9	3.07	78.0	<b>22</b>	42.2	14.0	.28
8GS-16FDH0RX90M	7347-91485	1/2	12.7	M24X1.5	—	16	1.73	43.9	3.39	86.1	<b>24</b>	48.5	16.0	.40
10GS-20FDH0RX90M	7347-92335	5/8	15.9	M30X2.0	—	20	2.01	51.1	4.43	112.5	<b>30</b>	62.2	20.0	.73
12GS-20FDH0RX90M	7347-92185	3/4	19.1	M30X2.0	—	20	2.44	62.0	4.86	123.4	<b>30</b>	72.4	20.0	.87
12GS-25FDH0RX90M	7347-92195	3/4	19.1	M36X2.0	—	25	2.52	64.0	4.86	123.4	<b>36</b>	72.4	25.0	1.14
16GS-25FDH0RX90	7347-91555	1	25.4	M36X2.0	—	25	2.99	76.0	5.94	150.9	<b>36</b>	94.5	25.0	1.66
16GS-30FDH0RX90M	7347-90775	1	25.4	M42X2.0	—	30	2.99	76.0	5.81	147.6	<b>42</b>	91.2	30.0	1.80
20GS-38FDH0RX90M	7347-93315	1 1/4	31.8	M52X2.0	—	38	3.43	87.1	7.11	180.6	<b>52</b>	109.5	38.0	3.34

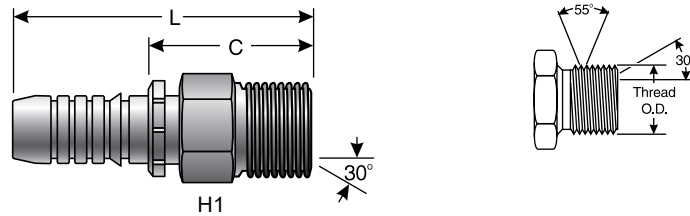
## MACHO BSPT



Descr.	Prod. No.	⊖		🌀	H1	D	L	Macho		Lbs.	
		"	mm					BSpt	C		
24GSP-24MBSPT	7347-95235	1 1/2	38.1	1 1/2-11	55.0	1 1/2	5.12	130.1	<b>1 1/2</b>	56.4	1.50

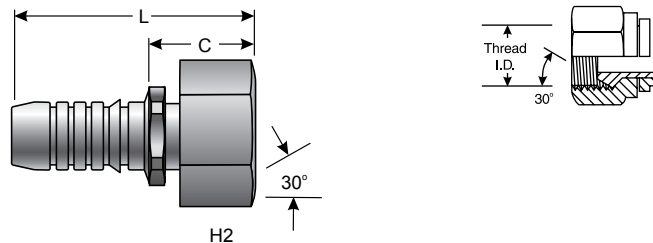
# Conector Espiga para R15/R13/R12/4SP/4SH

## MACHO BSPP



Descr.	Prod. No.	⊖		🌀	H1	Macho Bsp		L		C		Lbs.
		"	mm			mm	"	"	mm	"	mm	
6GS-6MBSPP	7347-01775	3/8	9.5	3/8-19	22.0	3/8	2.48	63.0	1.07	27.2	.11	
8GS-8MBSPP	7347-91365	1/2	12.7	1/2-14	27.0	1/2	2.66	67.6	1.81	46.0	.19	
10GS-10MBSPP	7347-92615	5/8	15.9	5/8-14	30.0	5/8	2.66	67.6	1.18	30.0	.29	
10GS-12MBSPP	7347-92625	5/8	15.9	3/4-14	32.0	3/4	3.35	85.1	1.37	34.8	.34	
12GS-12MBSPP	7347-92205	3/4	19.1	3/4-14	32.0	3/4	3.35	85.1	1.37	34.8	.36	
16GS-16MBSPP	7347-90825	1	25.4	1-11	41.0	1	3.86	98.1	1.62	41.2	.60	
20GS-20MBSPP	7347-93365	1 1/4	31.8	1 1/4-11	50.0	1 1/4	4.65	118.1	1.85	47.0	1.21	

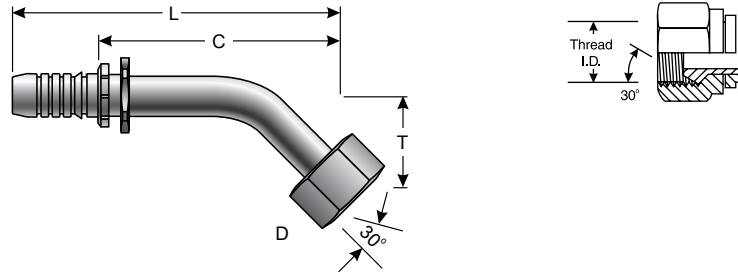
## HEMBRA BSPP GIRATORIA CON ORING



Descr.	Prod. No.	⊖		🌀	H1	Hembra Bsp		L		C		Lbs.
		"	mm			mm	mm	"	mm	"	mm	
6GS-6FBSPORX	7347-92235	3/8	9.5	3/8-19	—	3/8	2.34	59.4	.93	23.6	.14	
6GS-8FBSPORX	7347-92705	3/8	9.5	1/2-14	—	1/2	2.40	61.0	.93	23.6	.19	
8GS-8FBSPORX	7347-91405	1/2	12.7	1/2-14	—	1/2	2.40	61.0	.93	23.6	.22	
10GS-10FBSPORX	7347-92405	5/8	15.9	5/8-14	—	5/8	3.35	85.1	1.18	30.0	.37	
10GS-12FBSPORX	7347-93965	5/8	15.9	3/4-14	—	3/4	3.35	85.1	1.37	34.8	.42	
12GS-12FBSPORX	7347-93995	3/4	19.1	3/4-14	—	3/4	3.41	86.6	1.40	35.6	.48	
12GS-16FBSPORX	7347-92585	3/4	19.1	1-11	—	1	3.74	95.0	1.40	35.6	.07	
16GS-16FBSPORX	7347-90815	1	25.4	1-11	—	1	3.74	95.0	1.52	38.6	.84	
16GS-20FBSPORX	7347-94195	1	25.4	1 1/2	—	1 1/4	3.27	83.1	1.03	26.2	.83	
20GS-20FBSPORX	7347-93375	1 1/4	31.8	1 1/4-11	—	1 1/4	4.59	116.6	1.79	45.5	1.47	
24GSP-24FBSPORX	7347-95025	1 1/2	38.1	1 1/2-11	—	1 1/2	4.92	125.0	2.01	51.1	1.95	
32GSP-32FBSPORX	7347-95105	2	50.8	2-11	—	2	5.98	151.9	2.36	59.9	—	

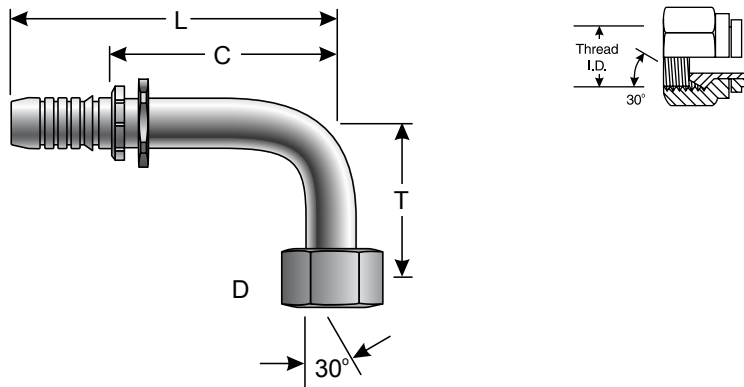
# Conector Espiga para R15/R13/R12/4SP/4SH

## HEMBRA BSPP GIRATORIA CON ORING- CODO 45°



Descr.	Prod. No.	⊖		🌀	H1 Hembra Bsp		T	L		C		Lbs.	
		"	mm		mm	"		"	mm	"	mm		
6GS-6FBSPORX45M	7347-92345	3/8	9.5	3/8-19	—	3/8	.61	15.5	3.27	83.1	1.86	47.2	.18
8GS-8FBSPORX45M	7347-91415	1/2	12.7	1/2-14	—	1/2	.67	17.0	3.60	91.4	2.13	54.1	.43
10GS-10FBSPORX45	7347-92285	5/8	15.9	5/8-14	—	5/8	1.04	26.4	4.20	106.7	2.25	57.2	.50
12GS-12FBSPORX45M	7347-92245	3/4	19.1	3/4-14	—	3/4	1.11	28.2	5.29	134.4	3.28	83.3	.73
16GS-16FBSPORX45M	7347-92275	1	25.4	1-11	—	1	1.22	31.0	6.12	155.5	3.90	99.1	1.25
20GS-20FBSPORX45M	7347-93395	1 1/4	31.8	1 1/4-11	—	1 1/4	1.48	37.6	7.52	191.0	4.72	119.9	2.42
24GSP-24FBSPORX45	7347-95035	1 1/2	38.1	1 1/2-11	—	1 1/2	1.96	49.8	8.44	214.4	5.54	140.7	3.00
32GSP-32FBSPORX45	7347-95115	2	50.8	2-11	—	2	2.45	62.2	10.87	276.1	7.24	183.9	6.25

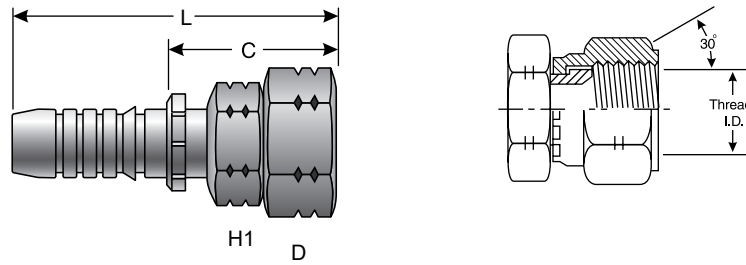
## HEMBRA BSPP GIRATORIA CON ORING- CODO 90°



Descr.	Prod. No.	⊖		🌀	H1 Hembra Bsp		T	L		C		Lbs.	
		"	mm		mm	"		"	mm	"	mm		
6GS-6FBSPORX90M	7347-92355	3/8	9.5	3/8-19	—	3/8	1.26	32.0	3.07	78.0	1.66	42.2	.19
8GS-8FBSPORX90M	7347-91425	1/2	12.7	1/2-14	—	1/2	1.48	37.6	3.46	87.9	1.99	50.6	.32
10GS-10FBSPORX90	7347-92295	5/8	15.9	5/8-14	—	5/8	1.90	48.3	4.70	119.4	2.45	62.2	.55
12GS-12FBSPORX90M	7347-92225	3/4	19.1	3/4-14	—	3/4	2.36	59.9	4.86	123.4	2.85	72.4	.82
16GS-16FBSPORX90M	7347-90785	1	25.4	1-11	—	1	2.76	70.1	5.81	147.6	3.59	91.2	1.44
20GS-20FBSPORX90M	7347-93405	1 1/4	31.8	1 1/4-11	—	1 1/4	3.15	80.0	7.11	180.6	4.31	109.5	2.77
24GSP-24FBSPORX90	7347-95045	1 1/2	38.1	1 1/2-11	—	1 1/2	3.93	99.8	7.66	194.6	4.75	120.7	3.40
32GSP-32FBSPORX90	7347-95125	2	50.8	2-11	—	2	5.08	129.0	10.02	254.5	6.40	162.6	7.17

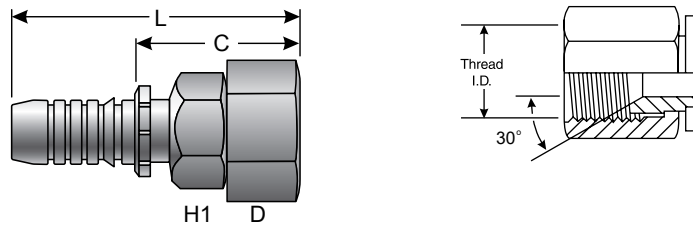
# Conector Espiga para R15/R13/R12/4SP/4SH

## HEMBRA KOMATSU GIRATORIA



Descr.	Prod. No.	⊖		🌀	H1	Hembra Komatsu			C		Lbs.
		"	mm			"	"	mm	"	mm	
8GS-8FKX	7347-35245	1/2	12.7	M22X1.5	27.0	1/2	2.93	74.4	1.46	37.1	.22
10GS-10FKX	7347-35345	5/8	15.9	M24X1.5	30.0	5/8	3.74	95.0	1.76	44.7	.45
12GS-12FKX	7347-35445	3/4	19.1	M30X1.5	32.0	3/4	4.00	101.6	2.00	50.8	.64
16GS-16FKX	7347-35555	1	25.4	M33X1.5	41.0	1	4.51	114.6	2.29	58.2	.90
24GSP-24FKX	7347-35725	1 1/2	38.1	M42X1.5	49.0	1 1/2	5.81	147.6	2.92	74.2	2.10

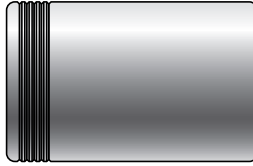
## HEMBRA JIS GIRATORIA



Descr.	Prod. No.	⊖		🌀	H1	Hembra Jis			C		Lbs.
		"	mm			"	"	mm	"	mm	
12GS-12FJISX	7347-76195	3/4	19.1	3/4-14	32.0	3/4	3.87	98.3	1.86	47.2	.64
16GS-16FJISX	7347-76005	1	25.4	1-11	41.0	1	4.25	108.0	2.03	51.6	.86
20GS-20FJISX	7347-76235	1 1/4	31.8	1 1/4-11	27.0	1 1/4	5.35	135.9	2.56	65.0	.16
24GSP-24FJISX	7347-79345	1 1/2	38.1	1 1/2-11	54.0	1 1/2	5.61	142.5	2.72	69.1	1.84

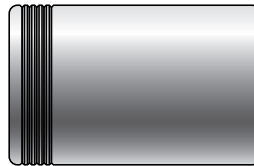
# Ferrulas para Conectores R15/R13/R12/4SP/4SH

## FERRULAS GS PARA MANGUERAS DE 4 ESPIRALES



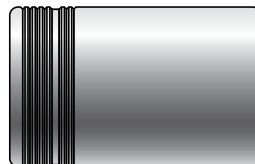
Descr.	Prod. No.	⊖		L		∅		Lbs.
		"	mm	"	mm	"	mm	
6GS1F-4	7347-03105	<b>3/8</b>	9.5	1.43	36.3	1.25	31.8	.18
8GS1F-4	7347-03115	<b>1/2</b>	12.7	1.44	36.9	1.35	34.3	.18
10GS1F-4	7347-03125	<b>5/8</b>	15.9	1.88	47.8	1.64	41.7	.28
12GS1F-4	7347-03135	<b>3/4</b>	19.1	2.00	50.8	1.80	45.7	.40
16GS1F-4	7347-03145	<b>1</b>	25.4	2.22	56.4	2.07	52.6	.55
20GS1F-4	7347-03155	<b>1 1/4</b>	31.8	2.67	67.8	2.42	61.5	.75

## FERRULAS GSP PARA MANGUERAS DE 4 ESPIRALES



Descr.	Prod. No.	⊖		L		∅		Lbs.
		"	mm	"	mm	"	mm	
24GSP1F-4	7347-03175	<b>1 1/2</b>	38.1	3.01	76.5	2.83	71.9	1.36
32GSP1F-4	7347-03195	<b>2</b>	50.8	3.58	90.9	3.35	85.1	1.74

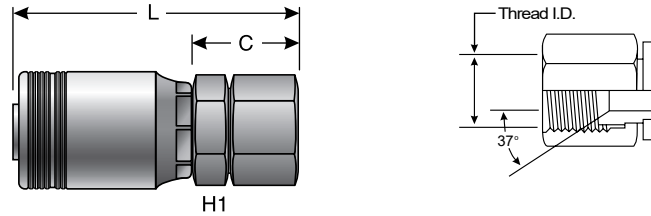
## FERRULAS GS PARA MANGUERAS DE 6 ESPIRALES



Descr.	Prod. No.	⊖		L		∅		Lbs.
		"	mm	"	mm	"	mm	
20GS1F-6	7347-02905	<b>1 1/4</b>	31.8	2.87	72.9	2.67	67.8	1.05

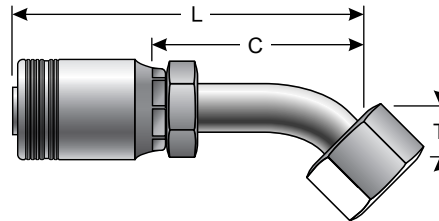
# Conector Prearmado para R15/R13/R12/4SP/4SH

## HEMBRA JIC GIRATORIA



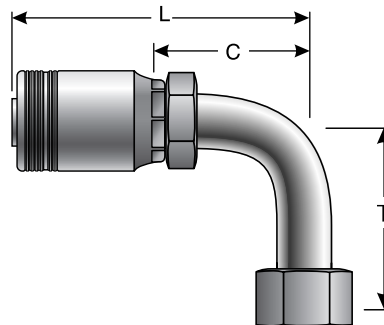
Descr.	Prod. No.	⊖		🌀	H1		L		C		Lbs.
		"	mm		"	mm	"	mm	"	mm	
24GSH-24FJX	7341-02525	1 1/2	38.1	1 7/8-12	2.17	1 1/2	6.78	172.2	3.04	77.2	4.25
32GSH-32FJX	7341-06445	2	50.8	2 1/2-12	2.76	2	8.07	205.0	3.59	91.2	8.69

## HEMBRA JIC GIRATORIA- CODO 45°



Descr.	Prod. No.	⊖		🌀	H1		Hembra Jic		T	L		C		Lbs.	
		"	mm		"	mm	"	mm		"	mm	"	mm		
24GSH-24FJX45-034	7341-02535	1 1/2	38.1	1 7/8-12	—	55.0	1 1/2	—	1.34	34.0	8.90	226.1	5.15	130.8	5.01

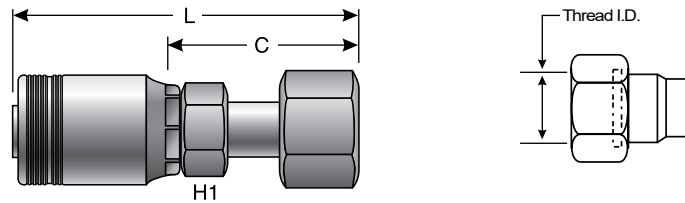
## HEMBRA JIC GIRATORIA- CODO 90°



Descr.	Prod. No.	⊖		🌀	H1		Hembra Jic		T	L		C		Lbs.	
		"	mm		"	mm	"	mm		"	mm	"	mm		
24GSH-24FJX90M	7341-02545	1 1/2	38.1	1 7/8-12	—	55.0	1 1/2	—	3.39	86.1	8.96	227.6	7.18	182.4	5.45

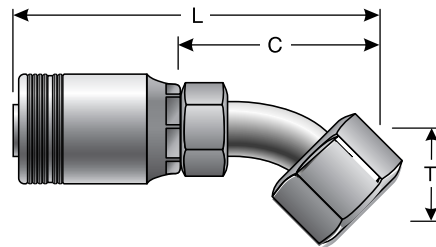
# Conector Prearmado para R15/R13/R12/4SP/4SH

## HEMBRA ASIENTO PLANO ORS GIRATORIA



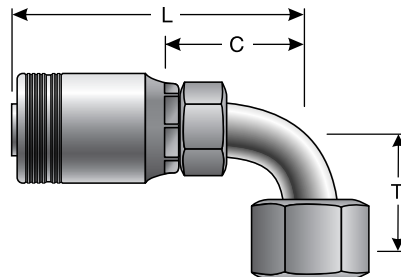
Descr.	Prod. No.	⊖		H1	H1	Hembra Jic		L		C		Lbs.	
		"	mm			"	mm	"	mm	"	mm		
24GSH-24FFORX	7341-02445	1 1/2	38.1	2-12	2.17	—	1 1/2	—	6.47	164.3	2.73	69.3	4.20
32GSH-32FFORX	7341-06505	2	50.8	2-12	—	55.0	1 1/2	—	9.31	236.6	3.11	79.0	7.04

## HEMBRA ASIENTO PLANO ORS GIRATORIA- CODO 45°



Descr.	Prod. No.	⊖		H1	H1	Hembra Jic	H2	T	L		C		Lbs.		
		"	mm						"	mm	"	mm		"	mm
24GSH4K-24FFORX45-038	7341-02455	1 1/2	38.1	2-12	—	55.0	1 1/2	—	1.50	38.1	9.31	236.6	5.56	141.1	4.86

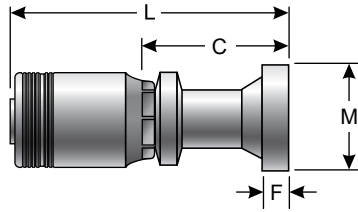
## HEMBRA ASIENTO PLANO ORS GIRATORIA- CODO 90°



Descr.	Prod. No.	⊖		H1	Hembra Jic	T	L		C		Lbs.		
		"	mm				"	mm	"	mm			
24GSH4K-24FFORX90M	7341-02475	1 1/2	38.1	2-12	—	1 1/2	3.41	86.6	8.48	215.4	3.69	93.7	5.20

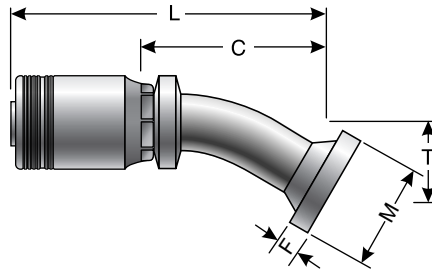
# Conector Prearmado para R15/R13/R12/4SP/4SH

## BRIDA CODIGO 61



Descr.	Prod. No.	⊖		M		L		Brida	C	F		Lbs.
		"	mm	"	mm	"	mm	"	mm	"	mm	
24GSH-24FL	7341-01905	1 1/2	38.1	2.38	60.5	7.09	180.1	1 1/2	85.1	.31	7.9	3.62
24GSH-32FL	7341-01915	1 1/2	38.1	2.81	71.4	7.40	188.0	2	93.0	.38	9.7	3.88
32GSH-32FL	7341-06335	2	50.8	2.81	71.4	9.90	251.5	2	137.4	.38	9.7	3.21

## BRIDA CODIGO 61- CODO 30°

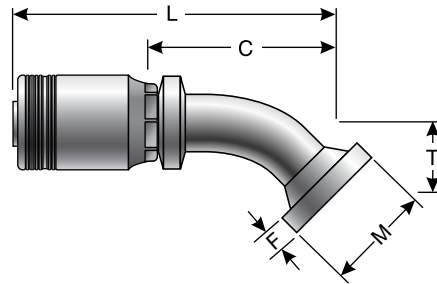


Descr.	Prod. No.	⊖		M		T		L		Brida	C	F		Lbs.
		"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	
24GSH-24FL30M	7341-01925	1 1/2	38.1	2.38	60.5	1.77	45.0	8.52	216.4	1 1/2	127.0	.32	8.1	4.52



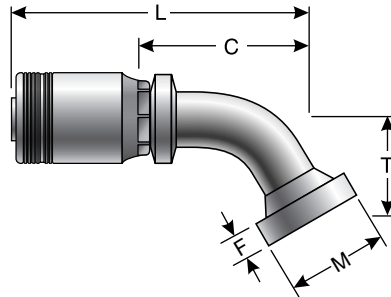
# Conector Prearmado para R15/R13/R12/4SP/4SH

## BRIDA CODIGO 61- CODO 45°



Descr.	Prod. No.	⊖		M		T		L		Brida	C		F		Lbs.
		"	mm	"	mm	"	mm	"	mm		"	mm	"	mm	
24GSH-24FL45M	7341-01945	1 1/2	38.1	2.38	60.5	1.73	43.9	9.05	229.9	1 1/2	134.9	.31	7.9	4.55	
24GSH-32FL45S	7341-01955	1 1/2	38.1	2.81	71.4	2.05	52.1	9.13	231.9	2	136.6	.38	9.7	4.80	
32GSH-32FL45M	7341-06345	2	50.8	2.81	71.4	2.20	55.9	11.30	287.0	2	173.5	.38	9.7	8.31	

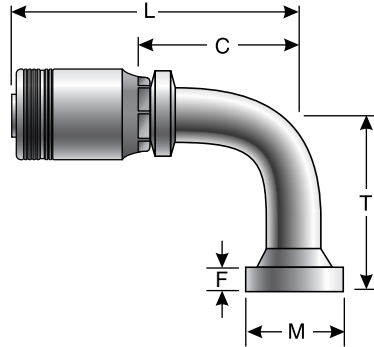
## BRIDA CODIGO 61- CODO 60°



Descr.	Prod. No.	⊖		M		T		L		Brida	C		F		Lbs.
		"	mm	"	mm	"	mm	"	mm		"	mm	"	mm	
24GSH-24FL60M	7341-01965	1 1/2	38.1	2.38	60.5	2.52	64.0	9.50	241.3	1 1/2	146.1	.31	7.9	4.77	

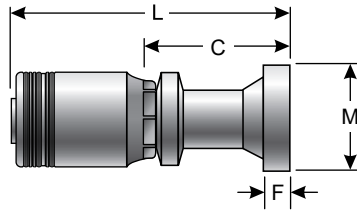
# Conector Prearmado para R15/R13/R12/4SP/4SH

## BRIDA CODIGO 61- CODO 90°



Descr.	Prod. No.	⊖	M		T		L		Brida	C		F		Lbs.	
			"	mm	"	mm	"	mm		"	mm	"	mm		
24GSH-24FL90S	7341-01985		1 1/2	38.1	2.38	60.5	3.19	81.0	8.46	214.9	1 1/2	119.9	.31	7.9	2.18
32GSH-32FL90-130	7341-06355		2	50.8	2.81	71.4	5.12	130.1	10.39	263.9	2	150.9	.38	9.7	4.25

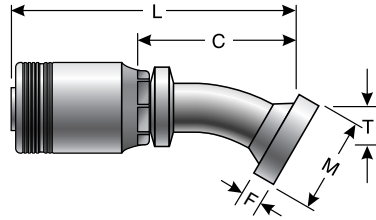
## BRIDA CODIGO 62



Descr.	Prod. No.	⊖	M		L		Brida	C		F		Lbs.	
			"	mm	"	mm		"	mm	"	mm		
24GSH-20FLH	7341-02245		1 1/2	38.1	2.13	54.1	7.87	199.9	1 1/4	104.9	.41	10.4	3.06
24GSH-24FLH	7341-02255		1 1/2	38.1	2.50	63.5	7.87	199.9	1 1/2	104.9	.50	12.7	1.86
24GSH-32FLH	7341-02265		1 1/2	38.1	3.13	79.5	7.87	199.9	2	104.9	.50	12.7	2.14
32GSH-24FLH	7341-06135		2	50.8	2.50	63.5	9.04	229.6	1 1/2	115.6	.50	12.7	6.11
32GSH-32FLH	7341-15605		2	50.8	3.13	79.5	9.90	251.5	2	137.4	.50	12.7	7.64

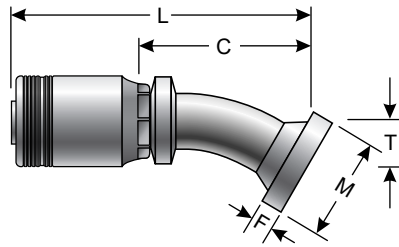
# Conector Prearmado para R15/R13/R12/4SP/4SH

## BRIDA CODIGO 62 - CODO 22°



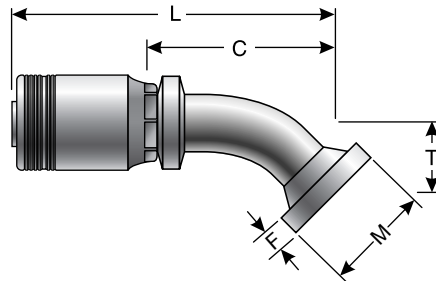
Descr.	Prod. No.	⊖	M		T		L		Brida	C	F		Lbs.		
			"	mm	"	mm	"	mm			"	mm			
24GSH-24FLH20-024	7341-02395		1 1/2	38.1	2.50	63.5	.94	23.9	9.56	242.8	1 1/2	147.6	.50	12.7	4.67
24GSH-24FLH22M	7341-02275		1 1/2	38.1	2.50	63.5	.70	17.8	9.56	242.8	1 1/2	148.4	.50	12.7	4.70

## BRIDA CODIGO 62 - CODO 30°



Descr.	Prod. No.	⊖	M		T		L		Brida	C	F		Lbs.		
			"	mm	"	mm	"	mm			"	mm			
24GSH-24FLH30M	7341-02295		1 1/2	38.1	2.50	63.5	3.54	89.9	9.45	240.0	1 1/2	144.8	.50	12.7	2.13
32GSH-32FLH30M	7341-06215		2	50.8	3.13	79.5	1.25	31.8	12.24	311.0	2	196.8	.50	12.7	8.86

## BRIDA CODIGO 62 - CODO 45°



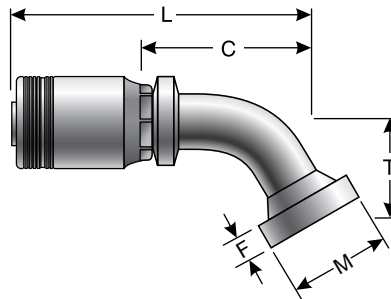
Descr.	Prod. No.	⊖	M		T		L		Brida	C	F		Lbs.		
			"	mm	"	mm	"	mm			"	mm			
24GSH-24FLH45M	7341-02315		1 1/2	38.1	2.50	63.5	1.73	43.9	9.13	231.9	1 1/2	136.9	.50	12.7	2.14
24GSH-32FLH45M	7341-02325		1 1/2	38.1	3.13	79.5	2.20	55.9	9.48	240.8	2	146.0	.50	12.7	5.46

# Conector Prearmado para R15/R13/R12/4SP/4SH

## BRIDA CODIGO 62 - CODO 45°

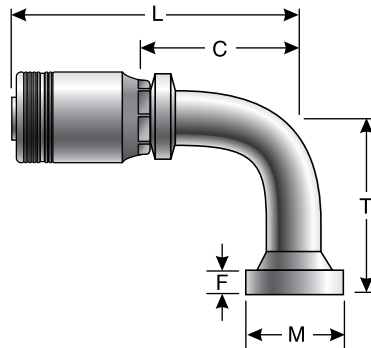
Descr.	Prod. No.	⊖	M		T		L		Brida	C	F		Lbs.		
			"	mm	"	mm	"	mm			"	mm			
32GSH-32FLH45-063	7341-06225		2	50.8	3.13	79.5	2.48	63.0	11.67	296.4	2	182.4	.50	12.7	9.40

## BRIDA CODIGO 62 - CODO 60°



Descr.	Prod. No.	⊖	M		T		L		Brida	C	F		Lbs.		
			"	mm	"	mm	"	mm			"	mm			
24GSH-24FLH60M	7341-02335		1 1/2	38.1	2.50	63.5	2.50	63.5	9.25	235.0	1 1/2	158.2	.50	12.7	2.34
32GSH-32FLH60M	7341-06235		2	50.8	3.13	79.5	3.26	82.8	12.28	311.9	2	197.4	.50	12.7	10.60

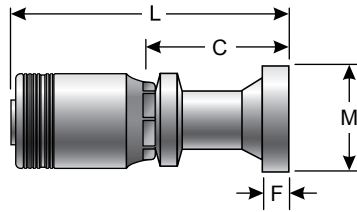
## BRIDA CODIGO 62 - CODO 90°



Descr.	Prod. No.	⊖	M		T		L		Brida	C	F		Lbs.		
			"	mm	"	mm	"	mm			"	mm			
24GSH-24FLH90-094	7341-02355		1 1/2	38.1	2.50	63.5	3.70	94.0	8.73	221.7	1 1/2	118.9	.50	12.7	2.35
24GSH-24FLH90-150	7341-02375		1 1/2	38.1	2.50	63.5	5.90	149.9	8.42	213.9	1 1/2	118.9	.50	12.7	6.01
24GSH-32FLH90S	7341-02365		1 1/2	38.1	2.81	71.4	4.72	119.9	8.42	213.9	2	118.9	.50	12.7	2.79
32GSH-32FLH90-159	7341-15615		2	50.8	3.13	79.5	6.26	159.0	10.41	264.4	2	150.4	.50	12.7	11.40
32GSH-32FLH90M	7341-06275		2	50.8	3.13	79.5	5.40	137.2	10.41	264.4	2	158.5	.50	12.7	10.05
32GSH-32FLH90S	7341-06255		2	50.8	3.13	79.5	4.72	119.9	10.39	263.9	2	150.4	.50	12.7	9.91

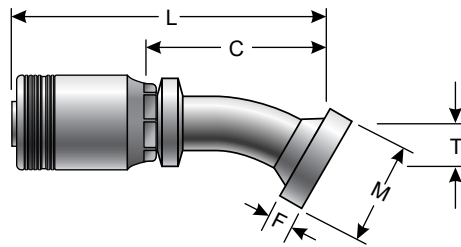
# Conector Prearmado para R15/R13/R12/4SP/4SH

## BRIDA CATERPILLAR



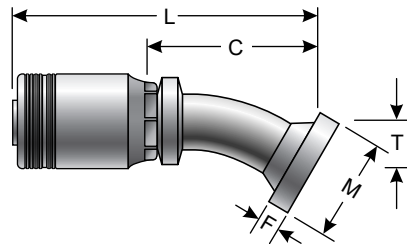
Descr.	Prod. No.	⊖		M		L		Brida	C		F		Lbs.
		"	mm	"	mm	"	mm		"	mm	"	mm	
24GSH-24FLC	7341-02055	1 1/2	38.1	2.50	63.5	7.44	189.0	1 1/2	94.2	.56	14.2	4.02	
24GSH-24FLCL	7341-02175	1 1/2	38.1	2.50	63.5	9.37	238.0	1 1/2	143.3	.56	14.2	2.11	
24GSH-32FLC	7341-02065	1 1/2	38.1	3.13	79.5	7.87	199.9	2	104.9	.56	14.2	4.77	
32GSH-32FLC	7341-06385	2	50.8	3.13	79.5	8.96	227.6	2	113.8	.56	14.2	3.22	

## BRIDA CATERPILLAR - CODO 22°



Descr.	Prod. No.	⊖		M		T		L		Brida	C		F		Lbs.
		"	mm	"	mm	"	mm	"	mm		"	mm	"	mm	
24GSH-24FLC22-017	7341-02075	1 1/2	38.1	2.50	63.5	.66	16.8	9.29	236.0	1 1/2	141.5	.56	14.2	4.63	
24GSH-32FLC22-022	7341-02085	1 1/2	38.1	3.13	79.5	.87	22.1	7.87	261.0	2	104.9	.56	14.2	5.65	

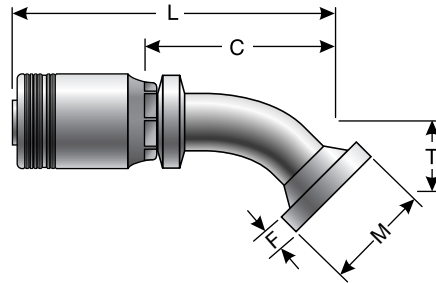
## BRIDA CATERPILLAR - CODO 30°



Descr.	Prod. No.	⊖		M		T		L		Brida	C		F		Lbs.
		"	mm	"	mm	"	mm	"	mm		"	mm	"	mm	
24GSH-24FLC30-023	7341-02095	1 1/2	38.1	2.50	63.5	.90	22.9	9.25	235.0	1 1/2	139.5	.56	14.2	2.11	
24GSH-32FLC30-035	7341-02105	1 1/2	38.1	3.13	79.5	1.37	34.8	10.11	257.0	2	161.6	.56	14.2	5.64	
32GSH-32FLC30-035	7341-06425	2	50.8	3.13	79.5	1.37	34.8	11.85	301.2	2	187.2	.56	14.2	8.88	

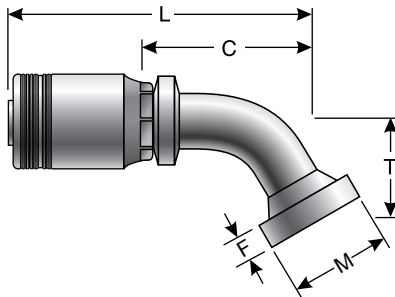
# Conector Prearmado para R15/R13/R12/4SP/4SH

## BRIDA CATERPILLAR - CODO 45°



Descr.	Prod. No.	⊖	M		T		L	Brida	C	F		Lbs.			
			"	mm	"	mm				"	mm				
24GSH-24FLC45-039	7341-02115		1 1/2	38.1	2.50	63.5	1.54	39.1	8.94	227.1	1 1/2	132.1	.56	14.2	2.12
24GSH-32FLC45-059	7341-02125		1 1/2	38.1	3.13	79.5	2.32	58.9	9.60	244.0	2	149.0	.56	14.2	5.68
32GSH-32FLC45-064	7341-06395		2	50.8	3.13	79.5	3.25	82.6	11.36	288.5	2	191.5	.56	14.2	9.00

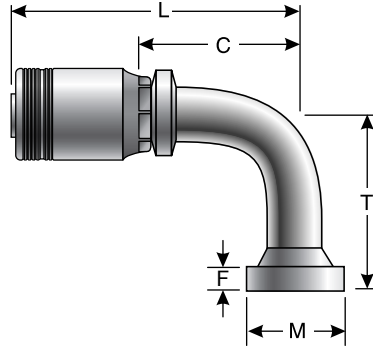
## BRIDA CATERPILLAR - CODO 60°



Descr.	Prod. No.	⊖	M		T		L	Brida	C	F		Lbs.			
			"	mm	"	mm				"	mm				
24GSH-24FLC60-055	7341-02135		1 1/2	38.1	2.50	63.5	2.17	55.1	9.91	251.7	1 1/2	156.7	.56	14.2	5.15
24GSH-32FLC60-087	7341-02145		1 1/2	38.1	3.13	79.5	3.42	86.9	11.69	297.0	2	201.9	.56	14.2	6.62
32GSH-32FLC60-083	7341-06405		2	50.8	3.13	79.5	3.27	83.1	12.67	321.8	2	207.5	.56	14.2	10.20

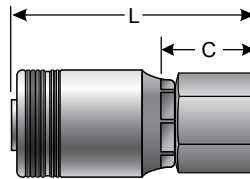
# Conector Prearmado para R15/R13/R12/4SP/4SH

## BRIDA CATERPILLAR - CODO 90°



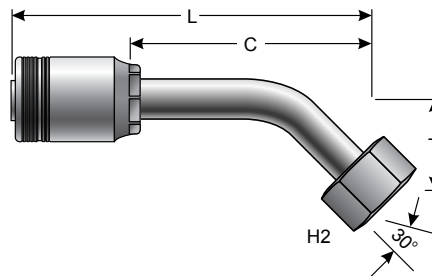
Descr.	Prod. No.	⊖	M		T		L		Brida	C		F		Lbs.	
			"	mm	"	mm	"	mm		"	mm	"	mm		
24GSH-24FLC90-087	7341-02155		1 1/2	38.1	2.50	63.5	3.43	87.1	8.43	214.1	1 1/2	119.4	.56	14.2	2.35
24GSH-32FLC90-140	7341-02165		1 1/2	38.1	3.13	79.5	5.51	140.0	8.85	225.0	2	129.9	.56	14.2	6.59
32GSH-32FLC90-130	7341-06415		2	50.8	3.13	79.5	5.12	130.1	10.40	264.2	2	150.4	.56	14.2	4.51

## HEMBRA BSP GIRATORIA CON ORING



Descr.	Prod. No.	⊖	⌀		Spring	H1	H2	L	Hembra Bsp	C	Lbs.	
			"	mm		mm	mm					
24GSH-24FBSPORX	7341-07015		1 1/2	38.1	1 1/2	—	55.0	6.06	153.9	1 1/2	58.9	3.87
32GSH-32FBSPORX	7341-07005		2	50.8	2-11	—	70.0	7.24	183.9	2	69.9	7.45

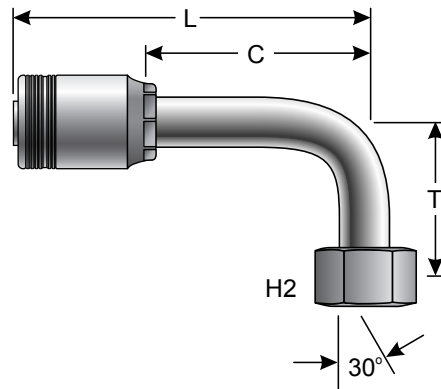
## HEMBRA BSP GIRATORIA CON ORING - CODO 45°



Descr.	Prod. No.	⊖	⌀		Spring	H1	H2	T	L	Hembra Bsp	C	Lbs.		
			"	mm		mm	mm							
24GSH-24FBSPORX45	7341-07035		1 1/2	38.1	1 1/2	—	55.0	1.96	49.8	9.56	242.8	1 1/2	147.6	5.00
32GSH-32FBSPORX45	7341-07095		2	50.8	2-11	—	70.0	3.40	86.4	12.56	319.0	2	204.7	9.52

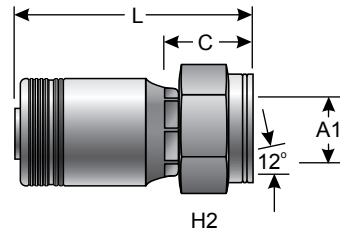
# Conector Prearmado para R15/R13/R12/4SP/4SH

## HEMBRA BSP GIRATORIA CON ORING - CODO 90°



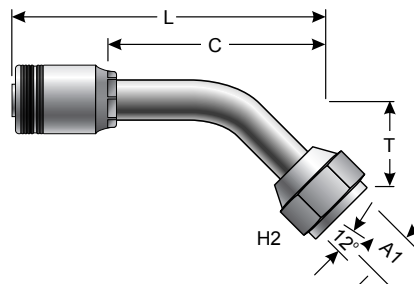
Descr.	Prod. No.	⊖		🌀	H1	H2	T		L		Hembra Bsp		C	Lbs.
		"	mm				"	mm	"	mm	"	mm		
24GSH-24FBSPORX90	7341-07045	1 1/2	38.1	1 1/2	—	55.0	3.94	100.1	8.76	222.5	1 1/2	127.5	5.33	
32GSH-32FBSPORX90	7341-07105	2	50.8	2-11	—	70.0	6.54	166.1	10.89	276.6	2	162.3	10.38	

## HEMBRA MILIMETRICA PESADA GIRATORIA



Descr.	Prod. No.	⊖		🌀	H1	H2	L	D	Hembra		A1	Lbs.
		"	mm						mm	mm		
24GSH-38FDHORX	7341-07055	1 1/2	38.1	M52X2.0	—	60.0	7.09	180.1	38	52	38.0	4.40

## HEMBRA MILIMETRICA PESADA GIRATORIA - CODO 45°

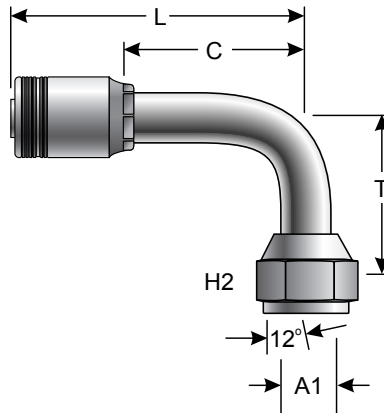


Descr.	Prod. No.	⊖		🌀	H1	H2	T		L		Hembra		A1	Lbs.
		"	mm				"	mm	"	mm	mm	mm		
24GSH-38FDHORX45	7341-07065	1 1/2	38.1	M52X2.0	—	60.0	1.74	44.2	9.33	237.0	38	52	38.0	5.06



# Conector Prearmado para R15/R13/R12/4SP/4SH

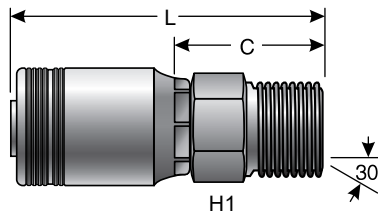
## HEMBRA MILIMETRICA PESADA GIRATORIA - CODO 90°



Descr.	Prod. No.	⊖		🌀	H1	H2	T	L	D	Hembra	A1	Lbs.		
		"	mm										mm	mm
24GSH-38FDHORX90	7341-07075	1 1/2	38.1	M52X2.0	—	60.0	3.62	92.0	8.76	222.5	38	52	38.0	5.43

## MACHO BSPP

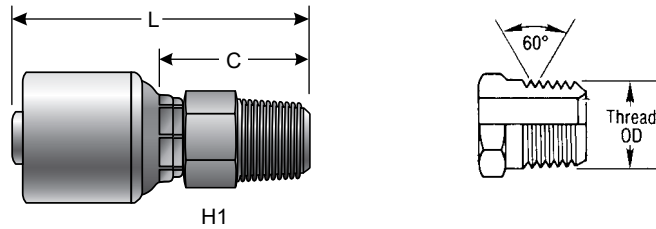
### Male British Standard Pipe Parallel



Descr.	Prod. No.	⊖		🌀	H1	H2	L	Macho	C	Lbs.	
		"	mm								Bspp
24GSH-24MBSPP	7341-07025	1 1/2	38.1	1 1/2-11	2.0	—	6.41	162.8	1 1/2	67.8	3.64
32GSH-32MBSPP	7341-07125	2	50.8	2-11	70.1	—	7.40	188.0	2	73.9	5.87

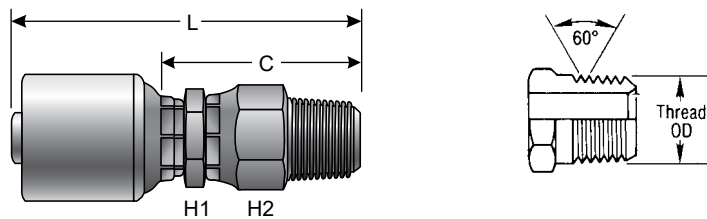
# Conector Prearmado para R1/R2/R4

## MACHO NPT



Descr.	Prod. No.	⊖		🌀	H1	H2	L	Macho Npt	C	Lbs.	
		"	mm								
4G-2MP	7100-10025	1/4	6.4	1/8-27	1/2	—	1.96	49.8	1/8	23.9	.11
4G-4MP	7100-10035	1/4	6.4	1/4-18	9/16	—	2.17	55.0	1/4	29.0	.13
4G-6MP	7100-10045	1/4	6.4	3/8-18	11/16	—	2.17	55.0	3/8	29.0	.15
4G-8MP	7100-10055	1/4	6.4	1/2-14	7/8	—	2.44	62.0	1/2	35.8	.22
5G-4MP	7100-00065	5/16	7.9	1/4-18	5/8	—	2.28	58.0	1/4	30.0	.15
5G-6MP	7100-10065	5/16	7.9	3/8-18	11/16	—	2.32	59.0	3/8	31.0	.17
6G-4MP	7100-10075	3/8	9.5	1/4-18	5/8	—	2.32	58.9	1/4	31.0	.17
6G-6MP	7100-10085	3/8	9.5	3/8-18	11/16	—	2.32	58.9	3/8	31.0	.18
6G-8MP	7100-10095	3/8	9.5	1/2-14	7/8	—	2.51	63.8	1/2	36.1	.23
8G-4MP	7100-10105	1/2	12.7	1/4-18	13/16	—	2.72	69.0	1/4	31.5	.03
8G-6MP	7100-00105	1/2	12.7	3/8-18	13/16	—	2.72	69.0	3/8	31.5	.28
8G-8MP	7100-00115	1/2	12.7	1/2-14	7/8	—	2.87	73.0	1/2	35.5	.27
8G-12MP	7100-00125	1/2	12.7	3/4-14	1 1/16	—	2.95	74.9	3/4	37.3	.36
10G-8MP	7100-00225	5/8	15.9	1/2-14	15/16	—	2.95	75.0	1/2	37.5	.35
10G-12MP	7100-00235	5/8	15.9	3/4-14	1 1/16	—	2.95	75.0	3/4	37.5	.05
12G-8MP	7100-00155	3/4	19.1	1/2-14	1 1/16	—	3.46	87.9	1/2	36.8	.55
12G-12MP	7100-00165	3/4	19.1	3/4-14	1 1/16	—	3.46	87.9	3/4	36.8	.62
12G-16MP	7100-00175	3/4	19.1	1-11 1/2	1 3/8	—	3.77	95.8	1	45.0	.70
16G-12MP	7100-00195	1	25.4	3/4-14	1 3/8	—	3.93	99.8	3/4	43.2	1.11
16G-16MP	7100-00205	1	25.4	1-11 1/2	1 3/8	—	4.11	104.4	1	47.5	1.05
20G-20MP	7100-00215	1 1/4	31.8	1 1/4-11 1/2	1 3/4	—	4.44	112.8	1 1/4	53.8	1.52

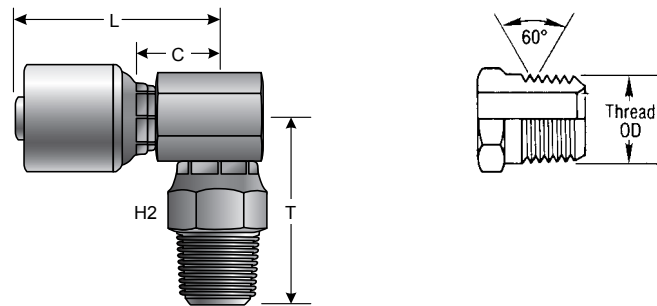
## MACHO NPT GIRATORIO



Descr.	Prod. No.	⊖		🌀	H1	H2	L	Macho Npt	C	Lbs.	
		"	mm								
4G-2MPX	7100-10245	1/4	6.4	1/8-27	1/2	1/2	2.39	60.7	1/8	34.8	.12
4G-4MPX	7100-10255	1/4	6.4	1/4-18	1/2	11/16	2.61	66.3	1/4	40.1	.11
4G-6MPX	7100-10265	1/4	6.4	3/8-18	5/8	7/8	2.73	69.3	3/8	43.4	.16
4G-8MPX	7100-10275	1/4	6.4	1/2-14	3/4	1	2.97	75.4	1/2	49.4	.29
6G-4MPX	7100-10285	3/8	9.5	1/4-18	5/8	7/8	2.87	72.8	1/4	44.9	.27
6G-6MPX	7100-10295	3/8	9.5	3/8-18	5/8	7/8	2.81	71.4	3/8	43.4	.27
6G-8MPX	7100-10305	3/8	9.5	1/2-14	3/4	1	3.04	77.2	1/2	49.3	.33
8G-6MPX	7100-00315	1/2	12.7	3/8-18	13/16	7/8	3.22	81.8	3/8	44.5	.27
8G-8MPX	7100-00325	1/2	12.7	1/2-14	13/16	1	3.42	86.9	1/2	49.3	.47
10G-12MPX	7100-00335	5/8	15.9	3/4-14	1 1/16	1 5/16	3.48	88.4	3/4	51.1	.67
12G-8MPX	7100-00345	3/4	19.1	1/2-14	1 1/16	1	3.97	100.8	1/2	49.8	.68
12G-12MPX	7100-00355	3/4	19.1	3/4-14	1 1/16	1 5/16	4.01	101.9	3/4	50.8	.49
16G-16MPX	7100-00365	1	25.4	1-11 1/2	1 3/8	1 5/8	4.73	120.1	1	63.2	1.25

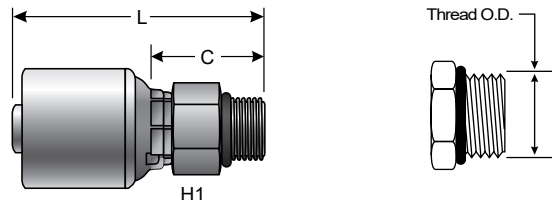
# Conector Prearmado para R1/R2/R4

## MACHO NPT GIRATORIO CODO 90°



Descr.	Prod. No.	⊖		🌀	H1	H2	T		L		Macho Npt	C	Lbs.
		"	mm				"	mm	"	mm			
4G-2MPX90	7100-10365	1/4	6.4	1/8-27	11/16	1/2	1.20	30.5	1.75	44.4	1/8	18.3	.02
4G-4MPX90	7100-10375	1/4	6.4	1/4-18	11/16	11/16	1.62	41.1	1.75	44.5	1/4	18.3	.25
4G-6MPX90	7100-10385	1/4	6.4	3/8-18	11/16	7/8	1.73	43.9	1.82	46.2	3/8	20.1	.33
6G-4MPX90	7100-10395	3/8	9.5	1/4-18	3/4	11/16	1.65	41.9	1.96	49.7	1/4	21.6	.33
6G-6MPX90	7100-10405	3/8	9.5	3/8-18	3/4	7/8	1.76	44.7	1.96	49.7	3/8	21.6	.39
6G-8MPX90	7100-10415	3/8	9.5	1/2-14	3/4	1	1.93	49.1	1.96	49.7	1/2	21.6	.42
8G-6MPX90	7100-07135	1/2	12.7	3/8-18	—	7/8	1.88	47.8	2.55	64.7	3/8	27.2	.46
8G-8MPX90	7100-00425	1/2	12.7	1/2-14	—	1	2.05	52.1	2.55	64.7	1/2	27.2	.61
12G-12MPX90	7100-00435	3/4	19.1	3/4-14	—	1 5/16	2.30	58.4	3.17	80.5	3/4	29.5	1.17

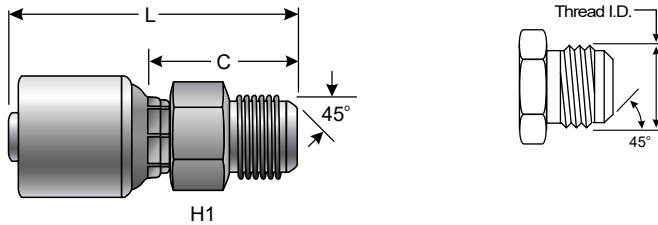
## MACHO BOSS CON ORING



Descr.	Prod. No.	⊖		🌀	H1	H1	H2	H2	L		Macho Boss	C	Lbs.
		"	mm						"	mm			
4G-4MB	7100-12205	1/4	6.4	7/16-20	9/16	—	—	—	1.99	50.5	1/4	24.5	.13
4G-5MB	7100-12215	1/4	6.4	1/2-20	5/8	—	—	—	1.99	50.5	5/16	24.5	.13
4G-6MB	7100-12225	1/4	6.4	9/16-18	11/16	—	—	—	2.05	52.0	3/8	26.0	.16
6G-5MB	7100-12285	3/8	9.5	1/2-20	5/8	—	—	—	2.05	52.0	5/16	24.1	.15
6G-6MB	7100-13235	3/8	9.5	9/16-18	11/16	—	—	—	2.20	56.0	3/8	28.1	.15
6G-8MB	7100-13245	3/8	9.5	3/4-16	7/8	—	—	—	2.28	58.0	1/2	30.1	.20
6G-10MB	7100-12255	3/8	9.5	7/8-14	1	—	—	—	2.22	56.5	5/8	28.6	.26
6G-12MB	7100-12265	3/8	9.5	1 1/16-12	1 1/4	—	—	—	2.42	61.5	3/4	33.6	.26
8G-8MB	7100-13275	1/2	12.7	3/4-16	7/8	—	—	—	2.64	67.0	1/2	29.5	.30
8G-10MB	7100-13285	1/2	12.7	7/8-14	1	—	—	—	2.68	68.0	5/8	30.5	.35
8G-12MB	7100-13295	1/2	12.7	1 1/16-12	1 1/4	—	—	—	2.91	74.0	3/4	36.5	.50
10G-8MB	7100-02305	5/8	15.9	3/4-16	15/16	—	—	—	2.83	72.0	1/2	34.5	.37
10G-10MB	7100-13315	5/8	15.9	7/8-14	1	—	—	—	2.83	72.0	5/8	34.5	.40
10G-12MB	7100-13325	5/8	15.9	1 1/16-12	1 1/4	—	—	—	2.99	76.0	3/4	38.5	.55
12G-10MB	7100-02265	3/4	19.1	7/8-14	—	27.0	—	—	3.23	82.1	5/8	31.1	.55
12G-12MB	7100-02335	3/4	19.1	1 1/16-12	1 1/4	—	—	—	3.33	84.5	3/4	33.5	.60
12G-14MB	7100-02345	3/4	19.1	1 3/16-12	1 3/8	—	—	—	3.31	84.0	7/8	33.0	.68
12G-16MB	7100-02355	3/4	19.1	1 5/16-12	1 1/2	—	—	—	3.44	87.5	1	36.5	.68
16G-14MB	7100-02365	1	25.4	1 3/16-12	1 3/8	—	—	—	3.78	96.0	7/8	39.2	.97
16G-16MB	7100-02375	1	25.4	1 5/16-12	1 1/2	—	—	—	3.84	97.5	1	40.7	1.08
16G-20MB	7100-02255	1	25.4	1 5/8-12	1 7/8	71	—	—	3.74	95.0	1 1/4	38.2	1.35
20G-20MB	7100-02385	1 1/4	31.8	1 5/8-12	1 7/8	—	—	—	3.90	99.0	1 1/4	40.0	1.48

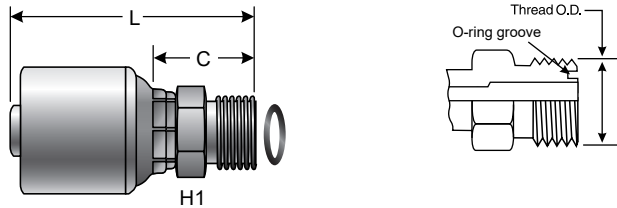
# Conector Prearmado para R1/R2/R4

## MACHO SAE



Descr.	Prod. No.	⊖		🌀	H1	H2	L		Macho Sae	C	Lbs.
		"	mm				"	mm			
4G-4MS	7100-11815	1/4	6.4	7/16-20	1/2	—	2.50	63.5	1/4	27.5	.12
4G-5MS	7100-11825	1/4	6.4	1/2-20	1/2	—	2.16	54.8	5/16	28.8	.10
6G-6MS	7100-11835	3/8	9.5	5/8-18	5/8	—	2.38	60.5	3/8	32.6	.17
6G-8MS	7100-11845	3/8	9.5	3/4-16	13/16	—	2.42	61.4	1/2	33.4	.02
8G-8MS	7100-01855	1/2	12.7	3/4-16	13/16	—	2.89	73.5	1/2	36.0	.28
8G-10MS	7100-01865	1/2	12.7	7/8-14	7/8	—	3.03	77.0	5/8	39.5	.32
12G-12MS	7100-01875	3/4	19.1	1 1/16-14	1 1/16	—	3.78	96.0	3/4	45.0	.73

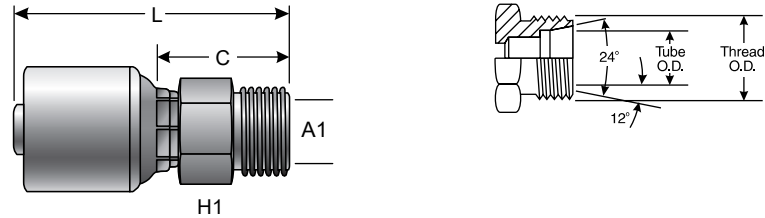
## MACHO ASIEN TO PLANO ORF



Descr.	Prod. No.	⊖		🌀	H1	H2	L		Macho FFOR	C	Lbs.
		"	mm				"	mm			
4G-4MFFOR	7104-16045	1/4	6.4	9/16-18	17.0	17.0	2.07	52.5	1/4	26.5	.15
4G-6MFFOR	7104-16055	1/4	6.4	11/16-16	19.0	19.0	2.13	54.0	3/8	28.0	.15
5G-6MFFOR	7104-16065	5/16	7.9	11/16-16	19.0	19.0	2.20	56.0	3/8	28.0	.21
6G-6MFFOR	7104-16075	3/8	9.5	11/16-16	19.0	19.0	2.20	56.0	3/8	28.1	.02
6G-8MFFOR	7104-16085	3/8	9.5	13/16-16	22.0	22.0	2.32	59.0	1/2	31.1	.25
6G-10MFFOR	7104-16095	3/8	9.5	1-14	27.0	27.0	2.52	64.0	5/8	36.1	.35
8G-8MFFOR	7104-16115	1/2	12.7	13/16-16	22.0	22.0	2.69	68.2	1/2	30.7	.30
8G-10MFFOR	7104-16125	1/2	12.7	1-14	27.0	27.0	2.87	73.0	5/8	35.5	.04
8G-12MFFOR	7104-16135	1/2	12.7	1 3/16-12	32.0	32.0	3.01	76.5	3/4	39.0	.57
10G-10MFFOR	7104-16155	5/8	15.9	1-14	27.0	27.0	2.87	73.0	5/8	35.5	.05
10G-12MFFOR	7104-16165	5/8	15.9	1 3/16-12	32.0	32.0	3.03	77.0	3/4	39.5	.55
12G-12MFFOR	7104-16185	3/4	19.1	1 3/16-12	32.0	32.0	3.54	90.0	3/4	39.0	.70
12G-16MFFOR	7104-16195	3/4	19.1	1 7/16-12	41.0	41.0	3.74	95.0	1	44.0	1.20
16G-16MFFOR	7104-16215	1	25.4	1 7/16-12	41.0	41.0	4.02	102.0	1	45.2	1.27
16G-20MFFOR	7104-16225	1	25.4	1 11/16-12	46.0	46.0	4.13	105.0	1 1/4	48.2	1.55
20G-20MFFOR	7104-16245	1 1/4	31.8	1 11/16-12	46.0	46.0	4.29	109.0	1 1/4	50.0	.16

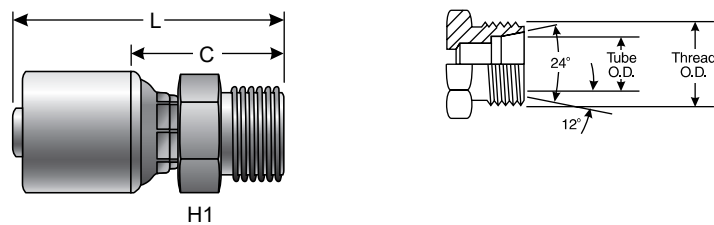
# Conector Prearmado para R1/R2/R4

## MACHO MILIMETRICO LIVIANO



Descr.	Prod. No.	⊖		🌀	H1	H2	L		D	Macho mm	A1	Lbs.
		"	mm				"	mm				
4G-6MDL	7100-92685	<b>1/4</b>	6.4	M12X1.5	14.0	—	1.69	42.9	6	<b>12</b>	6.0	.10
4G-8MDL	7100-14835	<b>1/4</b>	6.4	M14X1.5	17.0	—	1.97	50.0	8	<b>14</b>	8.0	.14
4G-10MDL	7100-14845	<b>1/4</b>	6.4	M18X1.5	17.0	—	2.01	51.0	10	<b>18</b>	10.0	.13
6G-10MDL	7100-14865	<b>3/8</b>	9.5	M16X1.5	17.0	—	2.07	52.5	10	<b>16</b>	10.0	.18
6G-12MDL	7100-14875	<b>3/8</b>	9.5	M18X1.5	19.0	—	2.07	52.5	12	<b>18</b>	12.0	.19
6G-15MDL	7100-92695	<b>3/8</b>	9.5	M22X1.5	24.0	—	1.86	47.3	15	<b>22</b>	15.0	.15
8G-15MDL	7100-04885	<b>1/2</b>	12.7	M22X1.5	24.0	—	2.56	65.0	15	<b>22</b>	15.0	.36
10G-18MDL	7100-04895	<b>5/8</b>	15.9	M26X1.5	27.0	—	2.56	65.0	18	<b>26</b>	18.0	.34
10G-22MDL	7100-04935	<b>5/8</b>	15.9	M30X2.0	32.0	—	2.75	69.8	22	<b>30</b>	22.0	.46
12G-22MDL	7100-04905	<b>3/4</b>	19.1	M30X2.0	32.0	—	3.27	83.0	22	<b>30</b>	22.0	.61
16G-28MDL	7100-04915	<b>1</b>	25.4	M36X2.0	41.0	—	3.70	94.0	28	<b>36</b>	28.0	1.09
20G-35MDL	7100-04925	<b>1 1/4</b>	31.8	M45X2.0	46.0	—	3.92	99.5	35	<b>45</b>	35.0	1.41

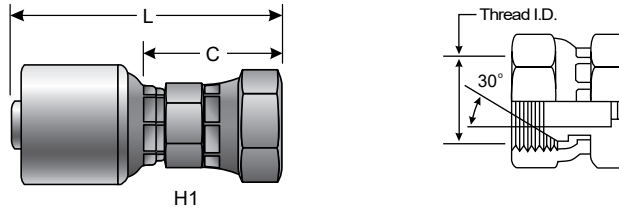
## MACHO MILIMETRICO PESADO



Descr.	Prod. No.	⊖		🌀	H1	H2	L		D	Macho mm	A1	Lbs.
		"	mm				"	mm				
4G-8MDH	7100-15315	<b>1/4</b>	6.4	M16X1.5	17.0	—	2.09	53.0	8	<b>16</b>	8.0	.13
4G-10MDH	7100-15325	<b>1/4</b>	6.4	M18X1.5	19.0	—	2.07	52.5	10	<b>18</b>	10.0	.15
5G-12MDH	7100-93015	<b>5/16</b>	7.9	M20X1.5	22.0	—	2.04	51.9	12	<b>20</b>	12.0	.15
6G-10MDH	7100-15345	<b>3/8</b>	9.5	M18X1.5	19.0	—	2.17	55.0	10	<b>18</b>	10.0	.20
6G-12MDH	7100-15355	<b>3/8</b>	9.5	M20X1.5	24.0	—	2.26	57.5	12	<b>20</b>	12.0	.21
6G-14MDH	7100-15365	<b>3/8</b>	9.5	M22X1.5	24.0	—	2.34	59.5	14	<b>22</b>	14.0	.23
8G-12MDH	7100-94815	<b>1/2</b>	12.7	M20X1.5	24.0	—	2.42	61.5	12	<b>20</b>	12.0	.30
8G-16MDH	7100-05375	<b>1/2</b>	12.7	M24X1.5	27.0	—	2.72	69.0	16	<b>24</b>	16.0	.29
10G-20MDH	7100-05385	<b>5/8</b>	15.9	M30X2.0	32.0	—	2.89	73.5	20	<b>30</b>	20.0	.41
12G-20MDH	7100-92755	<b>3/4</b>	19.1	M30X2.0	32.0	—	2.85	72.3	20	<b>30</b>	20.0	.55
12G-25MDH	7100-05395	<b>3/4</b>	19.1	M36X2.0	41.0	—	3.62	92.0	25	<b>36</b>	25.0	.78
16G-30MDH	7100-92535	<b>1</b>	25.4	M42X2.0	46.0	—	3.48	88.3	30	<b>42</b>	30.0	1.06
20G-38MDH	7100-92545	<b>1 1/4</b>	31.8	M52X2.0	55.0	—	3.72	94.4	38	<b>52</b>	38.0	1.85

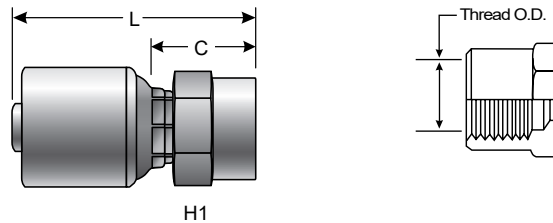
# Conector Prearmado para R1/R2/R4

## HEMBRA NPSM GIRATORIA



Descr.	Prod. No.	⊖		🌀	H1	H1	H2	H2	L		Hembra Npsm C		Lbs.
		"	mm		"	mm	"	mm	"	mm	"	mm	
4G-4FPX	7100-10575	<b>1/4</b>	6.4	1/4-18	1/2	—	11/16	—	2.24	56.9	<b>1/4</b>	30.7	.16
6G-6FPX	7100-10585	<b>3/8</b>	9.5	3/8-18	5/8	—	7/8	—	2.48	63.0	<b>3/8</b>	35.1	.23
6G-8FPX	7100-10595	<b>3/8</b>	9.5	1/2-14	13/16	—	1	—	2.55	64.8	<b>1/2</b>	36.8	.29
8G-8FPX	7100-00595	<b>1/2</b>	12.7	1/2-14	13/16	—	1	—	2.88	73.2	<b>1/2</b>	35.8	.35
12G-12FPX	7100-00605	<b>3/4</b>	19.1	3/4-14	—	27.0	1 1/4	—	3.71	94.2	<b>3/4</b>	43.2	.65
16G-16FPX	7100-00615	<b>1</b>	25.4	1-11 1/2	1 3/8	—	1 1/2	—	4.10	104.1	<b>1</b>	47.5	1.10
20G-20FPX	7100-00625	<b>1 1/4</b>	31.8	1 1/4-11 1/2	1 3/4	—	1 7/8	—	4.67	118.6	<b>1 1/4</b>	57.4	1.71

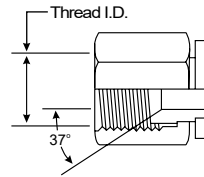
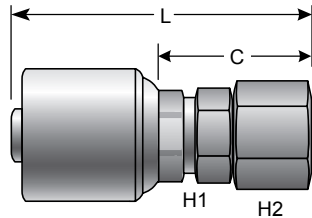
## HEMBRA NPTF



Descr.	Prod. No.	⊖		🌀	H1	H2	L		Hembra Npsm C		Lbs.
		"	mm		"	"	"	mm	"	mm	
4G-2FP	7100-10485	<b>1/4</b>	6.4	1/8-27	9/16	—	1.74	44.2	<b>1/8</b>	18.3	.12
4G-4FP	7100-10495	<b>1/4</b>	6.4	1/4-18	11/16	—	1.98	50.3	<b>1/4</b>	24.4	.13
4G-6FP	7100-10505	<b>1/4</b>	6.4	3/8-18	13/16	—	1.98	50.3	<b>3/8</b>	24.4	.14
6G-4FP	7100-10515	<b>3/8</b>	9.5	1/4-18	11/16	—	2.00	50.8	<b>1/4</b>	22.9	.15
6G-6FP	7100-10525	<b>3/8</b>	9.5	3/8-18	13/16	—	2.06	52.3	<b>3/8</b>	24.4	.18
6G-8FP	7100-10535	<b>3/8</b>	9.5	1/2-14	1	—	2.24	56.9	<b>1/2</b>	29.0	.21
8G-6FP	7100-00545	<b>1/2</b>	12.7	3/8-18	13/16	—	2.46	62.5	<b>3/8</b>	24.9	.25
8G-8FP	7100-00555	<b>1/2</b>	12.7	1/2-14	1	—	2.63	66.8	<b>1/2</b>	29.5	.30
12G-12FP	7100-00565	<b>3/4</b>	19.1	3/4-14	1 1/4	—	3.22	81.8	<b>3/4</b>	31.0	.55

# Conector Prearmado para R1/R2/R4

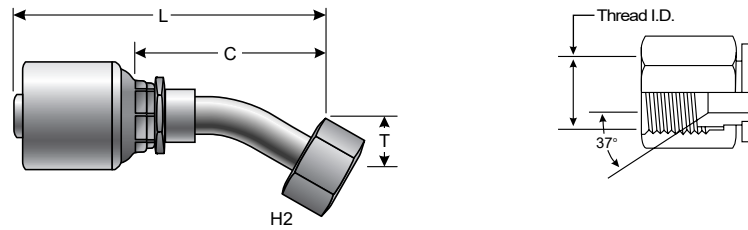
## HEMBRA JIC GIRATORIA



Descr.	Prod. No.	⊖		🌀	H1	H1	H2	H2	L	Hembra Jic	C	Lbs.	
		"	mm										"
4G-4FJX	7103-08045	<b>1/4</b>	6.4	7/16-20	—	15.0	—	14.0	2.20	55.9	<b>1/4</b>	29.9	.14
4G-5FJX	7103-08055	<b>1/4</b>	6.4	1/2-20	—	15.0	—	17.0	2.30	58.3	<b>5/16</b>	32.3	.17
4G-6FJX	7103-08065	<b>1/4</b>	6.4	9/16-18	—	15.0	—	19.0	2.35	59.6	<b>3/8</b>	33.6	.17
5G-6FJX	7103-09105	<b>5/16</b>	7.9	9/16-18	—	17.0	—	19.0	2.50	63.6	<b>3/8</b>	35.6	.21
5GE-5FJX	7100-00935	<b>5/16</b>	7.9	1/2-20	5/8	—	11/16	—	2.35	59.7	<b>5/16</b>	31.7	.02
6G-4FJX	7103-09135	<b>3/8</b>	9.5	7/16-20	5/8	—	—	14.0	2.94	74.7	<b>1/4</b>	46.8	.21
6G-4FJXSP	7103-10125	<b>3/8</b>	9.5	7/16-20	—	17.0	—	14.0	2.30	58.4	<b>1/4</b>	30.5	.16
6G-5FJX	7103-09125	<b>3/8</b>	9.5	1/2-20	—	17.0	—	17.0	2.96	75.2	<b>5/16</b>	47.3	.20
6G-6FJX	7103-08145	<b>3/8</b>	9.5	9/16-18	—	18.0	—	19.0	2.42	61.5	<b>3/8</b>	32.7	.19
6G-8FJX	7103-08155	<b>3/8</b>	9.5	3/4-16	—	18.0	—	24.0	2.63	66.7	<b>1/2</b>	37.9	.27
6G-10FJX	7103-08165	<b>3/8</b>	9.5	7/8-14	—	18.0	—	27.0	2.76	70.0	<b>5/8</b>	41.2	.31
6GE-12FJX	7100-10975	<b>3/8</b>	9.5	1 1/16-12	1 1/16	—	1 1/4	—	2.81	71.5	<b>3/4</b>	43.5	.39
8G-6FJX	7103-09195	<b>1/2</b>	12.7	9/16-18	—	22.0	—	19.0	3.81	96.7	<b>3/8</b>	59.2	.36
8G-6FJXSP	7103-10195	<b>1/2</b>	12.7	9/16-18	—	22.0	—	19.0	2.67	67.8	<b>3/8</b>	30.3	.28
8G-8FJX	7103-08205	<b>1/2</b>	12.7	3/4-16	—	22.0	—	24.0	2.88	73.2	<b>1/2</b>	38.0	.37
8G-10FJX	7103-08215	<b>1/2</b>	12.7	7/8-14	—	22.0	—	27.0	3.01	76.5	<b>5/8</b>	41.3	.28
8G-12FJX	7103-08225	<b>1/2</b>	12.7	1 1/16-12	—	22.0	—	32.0	3.06	77.7	<b>3/4</b>	42.5	.45
8G-16FJX	7103-09235	<b>1/2</b>	12.7	1 5/16-12	—	22.0	—	41.0	3.52	89.3	<b>1</b>	51.8	.69
10G-8FJX	7103-09255	<b>5/8</b>	15.9	3/4-16	—	24.0	—	24.0	4.06	103.0	<b>1/2</b>	65.5	1.05
10G-8FJXSP	7103-10255	<b>5/8</b>	15.9	3/4-16	—	24.0	—	24.0	2.90	73.6	<b>1/2</b>	36.1	.36
10G-10FJX	7103-08265	<b>5/8</b>	15.9	7/8-14	—	24.0	—	27.0	3.14	79.7	<b>5/8</b>	42.2	.37
10G-12FJX	7103-08275	<b>5/8</b>	15.9	1 1/16-12	—	24.0	—	32.0	3.20	81.4	<b>3/4</b>	43.9	.47
10G-14FJX	7103-08285	<b>5/8</b>	15.9	1 3/16-12	—	24.0	—	36.0	3.39	86.1	<b>7/8</b>	48.6	—
12G-8FJX	7103-10305	<b>3/4</b>	19.1	3/4-16	—	27.0	—	24.0	3.51	89.1	<b>1/2</b>	38.1	.57
12G-10FJX	7103-09315	<b>3/4</b>	19.1	7/8-14	—	27.0	—	27.0	4.80	122.0	<b>5/8</b>	71.0	.70
12G-10FJXSP	7103-10315	<b>3/4</b>	19.1	7/8-14	—	27.0	—	27.0	3.51	89.2	<b>5/8</b>	38.2	.53
12G-12FJX	7103-08325	<b>3/4</b>	19.1	1 1/16-12	—	30.0	—	32.0	3.74	95.0	<b>3/4</b>	44.0	.67
12G-14FJX	7103-08335	<b>3/4</b>	19.1	1 3/16-12	—	30.0	—	36.0	3.81	96.9	<b>7/8</b>	45.9	.82
12G-16FJX	7103-08345	<b>3/4</b>	19.1	1 5/16-12	—	30.0	—	41.0	3.85	97.9	<b>1</b>	46.9	.85
16G-16FJX	7103-08395	<b>1</b>	25.4	1 5/16-12	—	36.0	—	41.0	4.24	107.8	<b>1</b>	51.0	1.20
16G-20FJX	7103-08405	<b>1</b>	25.4	1 5/8-12	—	36.0	—	50.0	4.54	115.3	<b>1 1/4</b>	58.5	1.35
16GE-12FJX	7100-01105	<b>1</b>	25.4	1 1/16-12	1 3/8	—	1 1/4	—	3.98	101.0	<b>3/4</b>	44.2	.96
16GE-14FJX	7100-01115	<b>1</b>	25.4	1 3/16-12	1 3/8	—	1 3/8	—	4.00	101.6	<b>7/8</b>	44.9	1.45
20GE-20FJX	7100-01145	<b>1 1/4</b>	31.8	1 5/8-12	1 3/4	—	2	—	4.60	116.9	<b>1 1/4</b>	57.9	1.80
20GE-24FJX	7100-01155	<b>1 1/4</b>	31.8	1 7/8-12	1 7/8	—	2 1/4	—	4.85	123.2	<b>1 1/2</b>	64.2	1.96

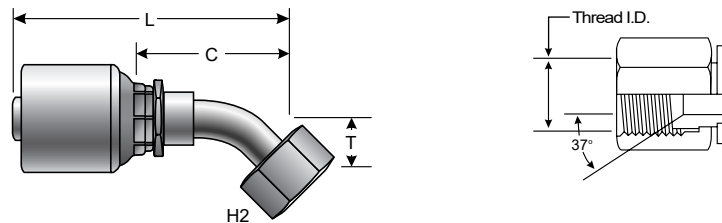
# Conector Prearmado para R1/R2/R4

## HEMBRA JIC GIRATORIA - CODO 30°



Descr.	Prod. No.	⊖		🌀	H1	H1	H2	H2	T		L		Hembra Jic C		Lbs.
		"	mm		"	mm	"	mm	"	mm	"	mm	"	mm	
10GE-12FJX30-018	7100-01185	<b>5/8</b>	15.9	1 1/16-12	—	—	1 1/4	—	.70	17.8	4.43	112.4	<b>3/4</b>	74.9	.53
12G-10FJX30-018	7103-59005	<b>3/4</b>	19.1	7/8-14	—	—	—	27.0	.71	18.0	4.45	113.0	<b>5/8</b>	62.0	.68

## HEMBRA JIC GIRATORIA - CODO 45°

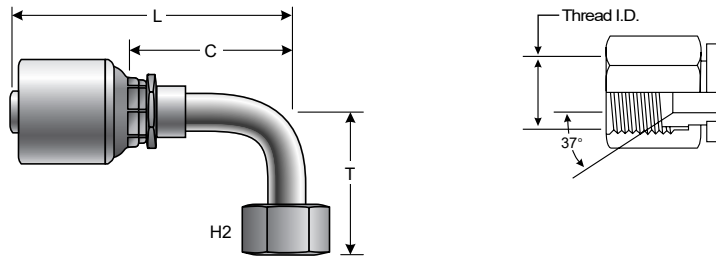


Descr.	Prod. No.	⊖		🌀	H1	H1	H2	H2	T		L		Hembra Jic C		Lbs.
		"	mm		"	mm	"	mm	"	mm	"	mm	"	mm	
4G-4FJX45S	7103-46055	<b>1/4</b>	6.4	7/16-20	—	—	—	14.0	.39	10.0	2.74	69.7	<b>1/4</b>	43.7	.15
4G-5FJX45-011	7103-46075	<b>1/4</b>	6.4	1/2-20	—	—	—	17.0	.43	11.0	2.59	65.8	<b>5/16</b>	39.7	.15
4G-6FJX45S	7103-46135	<b>1/4</b>	6.4	9/16-18	—	—	—	19.0	.43	11.0	2.69	68.3	<b>3/8</b>	42.3	.19
5G-6FJX45S	7103-46195	<b>5/16</b>	7.9	9/16-18	—	—	—	19.0	.43	11.0	2.85	72.4	<b>3/8</b>	44.4	.21
5GE-5FJX45	7100-01265	<b>5/16</b>	7.9	1/2-20	—	—	5/8	—	.56	14.2	2.60	66.0	<b>5/16</b>	38.0	.17
6G-4FJX45S	7103-46215	<b>3/8</b>	9.5	7/16-20	—	—	—	14.0	.39	10.0	2.86	72.7	<b>1/4</b>	44.8	.17
6G-6FJX45S	7103-46235	<b>3/8</b>	9.5	9/16-18	—	—	—	19.0	.43	11.0	3.05	77.5	<b>3/8</b>	49.6	.23
6G-8FJX45S	7103-46255	<b>3/8</b>	9.5	3/4-16	—	—	—	24.0	.59	15.0	3.51	89.1	<b>1/2</b>	61.2	.25
8G-8FJX45S	7103-46295	<b>1/2</b>	12.7	3/4-16	—	—	—	24.0	.59	15.0	3.42	86.9	<b>1/2</b>	49.5	.38
8G-10FJX45S	7103-46315	<b>1/2</b>	12.7	7/8-14	—	—	—	27.0	.63	16.0	3.81	96.8	<b>5/8</b>	59.4	.41
10G-10FJX45S	7103-46355	<b>5/8</b>	15.9	7/8-14	—	—	—	27.0	.63	16.0	3.80	96.4	<b>5/8</b>	59.0	.50
10G-12FJX45S	7103-46375	<b>5/8</b>	15.9	1 1/16-12	—	—	—	32.0	.83	21.0	4.57	116.0	<b>3/4</b>	78.5	.62
12G-10FJX45S	7103-46415	<b>3/4</b>	19.1	7/8-14	—	—	—	27.0	.75	19.0	4.58	116.3	<b>5/8</b>	65.3	.68
12G-12FJX45S	7103-46425	<b>3/4</b>	19.1	1 1/16-12	—	—	—	32.0	.83	21.0	5.09	129.2	<b>5/8</b>	78.2	.80
12G-16FJX45S	7103-46455	<b>3/4</b>	19.1	1 5/16-12	—	—	—	41.0	.94	24.0	5.24	133.1	<b>1</b>	82.1	1.06
16G-16FJX45S	7103-46505	<b>1</b>	25.4	1 5/16-12	—	—	—	41.0	.94	24.0	5.68	144.3	<b>1</b>	87.5	1.46
16GE-12FJX45S	7100-01435	<b>1</b>	25.4	1 1/16-12	—	—	1 1/4	—	.83	21.0	5.16	131.0	<b>3/4</b>	74.2	1.05
20GE-20FJX45	7100-01465	<b>1 1/4</b>	31.8	1 5/8-12	—	—	2	—	1.38	35.0	6.65	169.0	<b>1 1/4</b>	110.0	2.15



# Conector Prearmado para R1/R2/R4

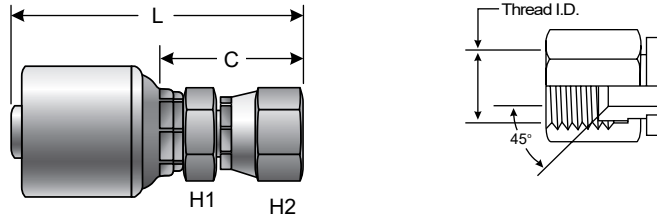
## HEMBRA JIC GIRATORIA - CODO 90°



Descr.	Prod. No.	Ø		Thread	H1	H1	H2	H2	T		L		C		Lbs.
		"	mm		"	mm	"	mm	"	mm	"	mm	"	mm	
4G-4FJX90L	7103-47065	1/4	6.4	7/16-20	—	—	—	14.0	1.81	46.0	2.48	63.1	1.46	37.1	.15
4G-4FJX90M	7103-47055	1/4	6.4	7/16-20	—	—	—	14.0	1.26	32.0	2.48	63.1	1.46	37.1	.15
4G-4FJX90S	7103-47045	1/4	6.4	7/16-20	—	—	—	14.0	.83	21.0	2.48	63.1	1.46	37.1	.18
4G-5FJX90-023	7103-47075	1/4	6.4	1/2-20	—	—	—	17.0	.91	23.0	2.45	62.2	1.43	36.2	.18
4G-5FJX90L	7103-47105	1/4	6.4	1/2-20	—	—	—	17.0	1.81	46.0	2.25	57.2	1.23	31.2	.16
4G-5FJX90M	7103-47095	1/4	6.4	1/2-20	—	—	—	17.0	1.26	32.0	2.25	57.2	1.23	31.2	.15
4G-6FJX90L	7103-47145	1/4	6.4	9/16-18	—	—	—	19.0	2.13	54.0	2.73	69.3	1.70	43.2	.19
4G-6FJX90M	7103-47135	1/4	6.4	9/16-18	—	—	—	19.0	1.50	38.0	2.56	64.9	1.53	38.9	.20
4G-6FJX90S	7103-47125	1/4	6.4	9/16-18	—	—	—	19.0	.91	23.0	2.80	71.2	1.78	45.1	.20
5G-6FJX90S	7103-47165	5/16	7.9	9/16-18	—	—	—	19.0	.91	23.0	2.96	75.2	1.86	47.2	.22
5GE-6FJX90M	7100-01555	5/16	7.9	9/16-18	—	—	11/16	—	1.13	28.7	2.52	64.0	1.42	36.0	.20
6G-4FJX90L	7103-47635	3/8	9.5	7/16-20	—	—	—	14.0	1.81	46.0	2.37	60.2	1.27	32.3	.15
6G-4FJX90S	7103-47195	3/8	9.5	7/16-20	—	—	—	14.0	.83	21.0	2.60	66.1	1.50	38.2	.02
6G-6FJX90L	7103-47225	3/8	9.5	9/16-18	—	—	—	19.0	2.13	54.0	2.78	70.6	1.68	42.7	.26
6G-6FJX90M	7103-47215	3/8	9.5	9/16-18	—	—	—	19.0	1.50	38.0	3.01	76.5	1.91	48.5	.25
6G-6FJX90S	7103-47205	3/8	9.5	9/16-18	—	—	—	19.0	.91	23.0	3.09	78.6	1.99	50.7	.24
6G-8FJX90L	7103-47265	3/8	9.5	3/4-16	—	—	—	24.0	2.52	64.0	3.33	84.5	2.23	56.6	.50
6G-8FJX90M	7103-47255	3/8	9.5	3/4-16	—	—	—	24.0	1.61	41.0	3.31	84.1	2.21	56.2	.23
6G-8FJX90S	7103-47245	3/8	9.5	3/4-16	—	—	—	24.0	1.14	29.0	3.18	80.7	2.08	52.8	.31
6G-10FJX90M	7103-47235	3/8	9.5	7/8-14	—	—	—	27.0	1.85	47.0	3.25	82.5	2.15	54.6	.35
8G-8FJX90L	7103-47305	1/2	12.7	3/4-16	—	—	—	24.0	2.52	64.0	3.04	77.3	1.57	39.9	1.34
8G-8FJX90M	7103-47295	1/2	12.7	3/4-16	—	—	—	24.0	1.61	41.0	3.04	77.3	1.30	32.9	.40
8G-8FJX90S	7103-47285	1/2	12.7	3/4-16	—	—	—	24.0	1.14	29.0	3.19	81.0	1.71	43.6	.39
8G-10FJX90L	7103-47345	1/2	12.7	7/8-14	—	—	—	27.0	2.76	70.0	3.67	93.3	2.20	55.8	.57
8G-10FJX90M	7103-47335	1/2	12.7	7/8-14	—	—	—	27.0	1.85	47.0	3.67	93.3	2.20	55.8	.50
8G-10FJX90S	7103-47325	1/2	12.7	7/8-14	—	—	—	27.0	1.26	32.0	3.67	93.3	2.20	55.8	.51
8G-12FJX90S	7103-47355	1/2	12.7	1 1/16-12	—	—	—	32.0	1.22	48.0	2.73	107.5	1.78	70.0	.66
10G-10FJX90-036	7103-47675	5/8	15.9	7/8-14	—	—	—	27.0	1.42	36.0	3.50	89.0	2.03	51.5	.53
10G-10FJX90L	7103-47385	5/8	15.9	7/8-14	—	—	—	27.0	2.76	70.0	3.38	85.9	1.91	48.4	.51
10G-10FJX90M	7103-47375	5/8	15.9	7/8-14	—	—	—	27.0	1.85	47.0	3.68	93.4	2.20	55.9	.58
10GE-12FJX90L	7100-07245	5/8	15.9	1 1/16-12	—	—	1 1/4	—	3.78	96.0	3.35	85.0	1.87	47.5	.75
10GE-12FJX90M	7100-07145	5/8	15.9	1 1/16-12	—	—	1 1/4	—	2.06	52.3	3.35	85.0	1.87	47.5	.60
10GE-12FJX90S	7100-01695	5/8	15.9	1 1/16-12	—	—	1 1/4	—	1.82	46.2	3.77	95.8	2.30	58.3	.67
12G-10FJX90M	7103-47435	3/4	19.1	7/8-14	—	—	—	27.0	1.85	47.0	4.49	114.1	2.48	63.1	.73
12G-12FJX90L	7103-47465	3/4	19.1	1 1/16-12	—	—	—	32.0	3.78	96.0	4.82	122.4	2.81	71.4	.94
12G-12FJX90M	7103-47455	3/4	19.1	1 1/16-12	—	—	—	32.0	2.28	58.0	4.82	122.4	2.81	71.4	.86
12G-12FJX90S	7103-47445	3/4	19.1	1 1/16-12	—	—	—	32.0	1.89	48.0	4.82	122.4	2.81	71.4	.84
12G-14FJX90-100	7103-47625	3/4	19.1	1 3/16-12	—	—	—	36.0	3.94	100.0	4.23	107.4	2.22	56.4	1.03
12G-16FJX90M	7103-47515	3/4	19.1	1 5/16-12	—	—	—	41.0	2.80	71.0	4.78	121.3	2.77	70.3	1.19
12G-16FJX90S	7103-47475	3/4	19.1	1 5/16-12	—	—	—	41.0	2.20	56.0	5.22	132.7	3.22	81.7	1.20
12GE-14FJX90S	7100-01745	3/4	19.1	1 3/16-12	—	—	1 3/8	—	2.00	50.8	4.88	124.0	2.87	73.0	.90
16G-16FJX90L	7103-47505	1	25.4	1 5/16-12	—	—	—	41.0	4.49	114.0	4.74	120.3	2.50	63.5	1.67
16G-16FJX90M	7103-47495	1	25.4	1 5/16-12	—	—	—	41.0	2.80	71.0	4.73	120.2	2.50	63.4	1.50
16G-16FJX90S	7103-47485	1	25.4	1 5/16-12	—	—	—	41.0	2.20	56.0	5.73	145.6	3.50	88.8	1.43
16G-20FJX90S	7103-47535	1	25.4	1 5/8-12	—	—	—	50.0	2.52	64.0	6.18	157.0	3.94	100.2	1.95
20G-20FJX90L	7103-41585	1 1/4	31.8	1 5/8-12	—	—	2	—	5.08	129.0	6.22	158.0	3.90	99.0	2.42
20GE-20FJX90-070	7100-07255	1 1/4	31.8	1 5/8-12	—	—	2	—	2.76	70.0	6.22	158.0	3.90	99.0	2.30
20GE-20FJX90M	7100-01795	1 1/4	31.8	1 5/8-12	—	—	2	—	3.50	88.9	5.43	138.0	3.11	79.0	2.26

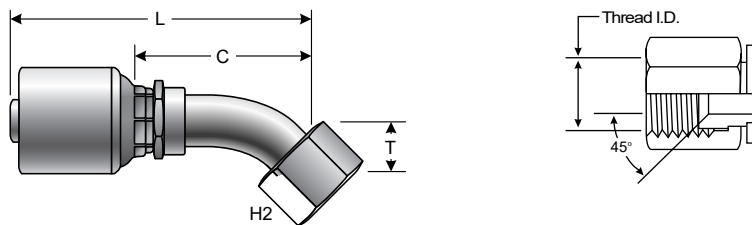
# Conector Prearmado para R1/R2/R4

## HEMBRA SAE GIRATORIA



Descr.	Prod. No.	⊖		🌀	H1	H2	L		C		Weight Lbs.
		"	mm		"	"	"	mm	"	mm	
4G-4FSX	7100-11885	1/4	6.4	7/16-20	1/2	9/16	2.24	57.0	1.22	31.0	.19
4G-5FSX	7100-11895	1/4	6.4	1/2-20	1/2	11/16	2.21	56.2	1.19	30.2	.14
4G-6FSX	7100-11905	1/4	6.4	5/8-18	5/8	3/4	2.31	58.7	1.28	32.6	.16
5G-6FSX	7100-11935	5/16	7.9	5/8-18	5/8	3/4	2.44	62.1	1.34	34.1	.19
6G-6FSX	7100-11915	3/8	9.5	5/8-18	5/8	3/4	2.44	62.1	1.35	34.2	.17
6G-8FSX	7100-11925	3/8	9.5	3/4-16	11/16	7/8	2.48	63.1	1.38	35.1	.20
8G-8FSX	7100-01935	1/2	12.7	3/4-16	13/16	7/8	2.82	71.6	1.34	34.1	.30
8G-10FSX	7100-01945	1/2	12.7	7/8-14	13/16	1 1/16	2.99	75.9	1.51	38.4	.30
12G-12FSX	7100-01955	3/4	19.1	1 1/16-14	1 1/16	1 1/4	3.68	93.5	1.67	42.5	.53

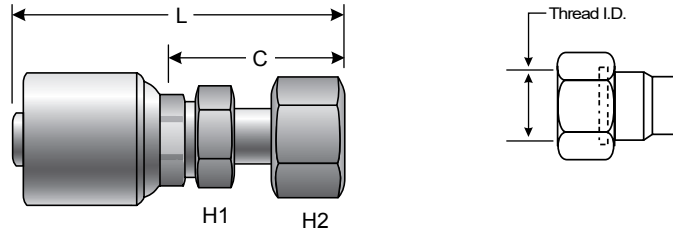
## HEMBRA SAE GIRATORIA - CODO 45°



Descr.	Prod. No.	⊖		🌀	H1	H2	T	L		C		Weight Lbs.	
		"	mm		"	"	"	mm	"	mm	"		mm
4G-4FSX45	7100-11965	1/4	6.4	7/16-20	—	1 9/16	.33	8.4	2.34	59.5	1.32	33.5	.14
4G-5FSX45-009	7100-01965	1/4	6.4	1/2-20	—	5/8	.36	9.1	2.63	66.9	1.61	40.9	.15
6G-6FSX45	7100-11995	3/8	9.5	5/8-18	—	3/4	.39	9.9	2.74	69.5	1.64	41.6	.21
6G-8FSX45-014	7100-02035	3/8	9.5	3/4-16	—	7/8	.55	14.0	3.46	87.8	2.36	59.9	.02
8G-8FSX45	7100-02015	1/2	12.7	3/4-16	—	7/8	.55	14.0	3.31	84.0	1.83	46.5	.34
8G-10FSX45-016	7100-02055	1/2	12.7	7/8-14	—	1	.63	16.0	3.67	93.1	2.19	55.6	.04
12G-12FSX45	7100-02045	3/4	19.1	1 1/16-14	—	1 1/4	.78	19.8	4.37	111.0	2.36	60.0	.75

# Conector Prearmado para R1/R2/R4

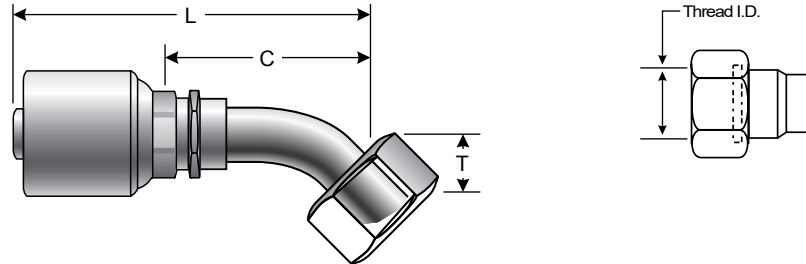
## HEMBRA ASIENTO PLANO ORF GIRATORIA



Descr.	Prod. No.	⊖		🌀	H1		H2		L		C		Weight Lbs.
		"	mm		"	mm	"	mm	"	mm	"	mm	
4G-4FFORX	7104-18045	1/4	6.4	9/16-18	—	15.0	—	17.0	2.07	52.7	1.05	26.7	.14
4G-6FFORX	7104-18055	1/4	6.4	11/16-16	—	15.0	—	22.0	2.01	51.1	.99	25.1	.20
4G-8FFORX	7104-18075	1/4	6.4	13/16-16	—	15.0	—	24.0	1.99	50.5	.96	24.5	.22
5G-6FFORX	7104-19505	5/16	7.9	11/16-16	—	17.0	—	22.0	2.42	61.5	1.32	33.5	.02
6G-4FFORX	7104-19085	3/8	9.5	9/16-18	—	17.0	—	17.0	3.08	78.3	1.98	50.3	.20
6G-6FFORX	7104-18095	3/8	9.5	11/16-16	—	18.0	—	22.0	2.27	57.7	1.14	28.9	.24
6G-8FFORX	7104-18105	3/8	9.5	13/16-16	—	18.0	—	24.0	2.26	57.4	1.13	28.6	.26
6G-10FFORX	7104-18115	3/8	9.5	1-14	—	18.0	—	30.0	2.15	54.7	1.02	25.9	.42
8G-6FFORX	7104-19145	1/2	12.7	11/16-16	—	22.0	—	22.0	3.78	95.9	2.30	58.4	.35
8G-8FFORX	7104-18155	1/2	12.7	13/16-16	—	22.0	—	24.0	2.62	66.5	1.23	31.3	.32
8G-10FFORX	7104-18165	1/2	12.7	1-14	—	22.0	—	30.0	2.76	70.0	1.37	34.8	.41
8G-12FFORX	7104-18175	1/2	12.7	1 3/16-12	—	22.0	—	36.0	2.81	71.5	1.43	36.3	.64
10G-8FFORX	7104-19195	5/8	15.9	13/16-16	—	24.0	—	24.0	3.83	97.2	2.35	59.7	.44
10G-10FFORX	7104-18205	5/8	15.9	1-14	—	24.0	—	30.0	2.99	76.0	1.52	38.5	.49
10G-12FFORX	7104-18215	5/8	15.9	1 3/16-12	—	24.0	—	36.0	3.03	77.0	1.56	39.5	.62
12G-10FFORX	7104-19245	3/4	19.1	1-14	—	30.0	—	30.0	3.74	95.1	1.74	44.1	.74
12G-12FFORX	7104-18255	3/4	19.1	1 3/16-12	—	30.0	—	36.0	3.65	92.8	1.65	41.8	.80
12G-16FFORX	7104-18265	3/4	19.1	1 7/16-12	—	30.0	—	41.0	3.48	88.3	1.47	37.3	.90
16G-12FFORX	7104-19295	1	25.4	1 3/16-12	—	36.0	—	36.0	5.58	141.8	3.35	85.0	1.25
16G-20FFORX	7104-18315	1	25.4	1 11/16-12	—	36.0	—	50.0	4.06	103.0	1.82	46.2	1.58
16GE-16FFORX	7102-03925	1	25.4	1 7/16-12	—	41.0	1 5/8	—	4.33	110.0	2.09	53.2	1.41
20G-24FFORX	7104-19385	1 1/4	31.8	2-12	—	50.0	—	60.0	4.49	114.0	2.17	55.0	2.40
20GE-20FFORX	7102-03945	1 1/4	31.8	1 11/16-12	—	50.0	1 7/8	—	4.63	117.5	2.30	58.5	1.93

# Conector Prearmado para R1/R2/R4

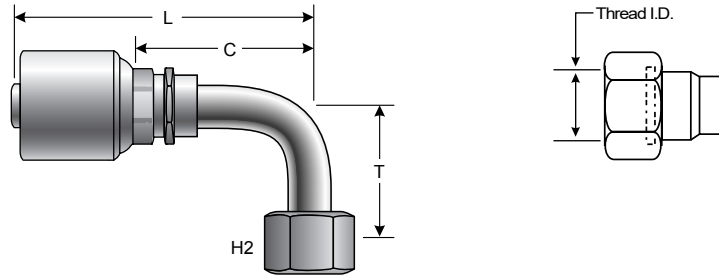
## HEMBRA ASIENTO PLANO ORF GIRATORIA - CODO 45°



Descr.	Prod. No.	⊖		🌀	H1	H2	T	L		C		Weight	
		"	mm					"	mm	"	mm		Lbs.
4G-4FFORX45S	7104-22045	1/4	6.4	9/16-18	—	17.0	.39	10.0	2.57	65.2	1.54	39.2	.16
4G-6FFORX45S	7104-22055	1/4	6.4	11/16-16	—	22.0	.43	11.0	2.70	68.5	1.67	42.5	.02
5G-6FFORX45S	7104-22335	5/16	7.9	11/16-16	—	22.0	.43	11.0	2.73	69.4	1.63	41.4	.21
6G-4FFORX45S	7104-22075	3/8	9.5	9/16-18	—	17.0	.39	10.0	2.60	66.1	1.50	38.1	.17
6G-6FFORX45S	7104-22085	3/8	9.5	11/16-16	—	22.0	.43	11.0	2.75	69.8	1.65	41.9	.02
6G-8FFORX45S	7104-22095	3/8	9.5	13/16-16	—	24.0	.59	15.0	3.35	85.2	2.26	57.3	.03
8G-6FFORX45S	7104-22125	1/2	12.7	11/16-16	—	22.0	.43	11.0	3.57	90.7	2.09	53.2	.03
8G-8FFORX45S	7104-22135	1/2	12.7	13/16-16	—	24.0	.59	15.0	3.50	89.0	2.03	51.6	.03
8G-10FFORX45S	7104-22145	1/2	12.7	1-14	—	30.0	.63	16.0	3.98	101.0	2.50	63.5	.05
8G-12FFORX45S	7104-22155	1/2	12.7	1 3/16-12	—	36.0	.83	21.0	4.34	110.3	2.87	72.8	.65
10G-8FFORX45S	7104-22165	5/8	15.9	13/16-16	—	24.0	.59	15.0	3.81	96.8	2.33	59.3	.42
10G-10FFORX45S	7104-22175	5/8	15.9	1-14	—	30.0	.63	16.0	3.96	100.5	2.48	63.0	.55
10G-12FFORX45S	7104-22185	5/8	15.9	1 3/16-12	—	36.0	.83	21.0	4.17	105.9	2.69	68.4	.06
12G-10FFORX45S	7104-22215	3/4	19.1	1-14	—	30.0	.63	16.0	4.45	113.0	2.44	62.0	.68
12G-12FFORX45S	7104-22225	3/4	19.1	1 3/16-12	—	36.0	.83	21.0	4.66	118.4	2.65	67.4	.85
12G-16FFORX45S	7104-22235	3/4	19.1	1 7/16-12	—	41.0	.94	24.0	4.80	122.0	2.80	71.0	.75
16G-12FFORX45S	7104-22255	1	25.4	1 3/16-12	—	36.0	.83	21.0	5.33	135.5	2.98	75.7	.12
16G-16FFORX45S	7104-22265	1	25.4	1 7/16-12	—	41.0	.94	24.0	5.78	146.9	3.55	90.1	1.35
20G-20FFORX45S	7104-22295	1 1/4	31.8	1 11/16-12	—	50.0	.98	25.0	6.22	158.0	3.90	99.0	2.00

# Conector Prearmado para R1/R2/R4

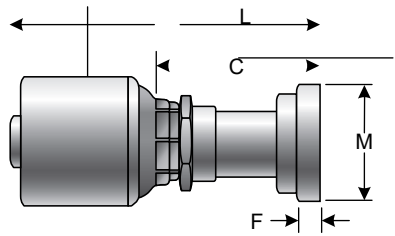
## HEMBRA ASIEN TO PLANO ORF GIRATORIA - CODO 90°



Descr.	Prod. No.	⊖		🌀	H1	H2	T		L		C		Weight
		"	mm				"	mm	"	mm	"	mm	
4G-4FFORX90L	7104-24065	1/4	6.4	9/16-18	—	17.0	1.81	46.0	2.21	56.2	1.19	30.2	.02
4G-4FFORX90M	7104-24055	1/4	6.4	9/16-18	—	17.0	1.26	32.0	2.21	56.2	1.19	30.2	.02
4G-4FFORX90S	7104-24045	1/4	6.4	9/16-18	—	17.0	.83	21.0	2.37	60.2	1.35	34.2	.02
4G-6FFORX90L	7104-24115	1/4	6.4	11/16-16	—	22.0	2.13	54.0	2.43	61.6	1.40	35.6	.02
4G-6FFORX90M	7104-24105	1/4	6.4	11/16-16	—	22.0	1.50	38.0	2.50	63.4	1.47	37.4	.19
4G-6FFORX90S	7104-24095	1/4	6.4	11/16-16	—	22.0	.91	23.0	2.50	63.4	1.47	37.4	.02
4G-8FFORX90L	7104-24165	1/4	6.4	13/16-16	—	24.0	2.52	64.0	2.64	67.1	1.62	41.1	.34
4G-8FFORX90S	7104-24145	1/4	6.4	13/16-16	—	24.0	1.14	29.0	2.83	72.0	1.81	46.0	.26
5G-6FFORX90S	7104-24955	5/16	7.9	11/16-16	—	22.0	.91	23.0	2.83	72.0	1.73	44.0	.23
6G-4FFORX90S	7104-24195	3/8	9.5	9/16-18	—	17.0	.83	21.0	2.42	61.4	1.32	33.6	.17
6G-6FFORX90L	7104-24265	3/8	9.5	11/16-16	—	22.0	2.13	54.0	2.73	69.3	1.63	41.4	.26
6G-6FFORX90M	7104-24255	3/8	9.5	11/16-16	—	22.0	1.50	38.0	2.50	63.6	1.41	35.7	.29
6G-6FFORX90S	7104-24245	3/8	9.5	11/16-16	—	22.0	.91	23.0	2.85	72.5	1.76	44.6	.24
6G-8FFORX90L	7104-24315	3/8	9.5	13/16-16	—	24.0	2.52	64.0	2.72	69.0	1.62	41.1	.03
6G-8FFORX90M	7104-24305	3/8	9.5	13/16-16	—	24.0	1.61	41.0	2.70	68.5	1.60	40.6	.30
6G-8FFORX90S	7104-24295	3/8	9.5	13/16-16	—	24.0	1.14	29.0	2.87	73.0	1.78	45.1	.30
8G-6FFORX90L	7104-24365	1/2	12.7	11/16-16	—	22.0	2.13	54.0	3.16	80.3	1.69	42.8	.35
8G-6FFORX90S	7104-24345	1/2	12.7	11/16-16	—	22.0	.91	23.0	3.29	83.5	1.81	46.0	.03
8G-8FFORX90L	7104-24415	1/2	12.7	13/16-16	—	24.0	2.52	64.0	3.30	83.9	1.83	46.5	.04
8G-8FFORX90M	7104-24405	1/2	12.7	13/16-16	—	24.0	1.61	41.0	3.30	83.9	1.83	46.5	.04
8G-8FFORX90S	7104-24395	1/2	12.7	13/16-16	—	24.0	1.14	29.0	3.30	83.9	1.83	46.5	.03
8G-10FFORX90L	7104-24465	1/2	12.7	1-14	—	30.0	2.76	70.0	3.57	90.6	2.09	53.1	.05
8G-10FFORX90M	7104-24455	1/2	12.7	1-14	—	30.0	1.85	47.0	3.67	93.2	2.19	55.7	.53
8G-10FFORX90S	7104-24445	1/2	12.7	1-14	—	30.0	1.26	32.0	3.66	92.9	2.18	55.4	.52
8G-12FFORX90S	7104-24475	1/2	12.7	1 3/16-12	—	36.0	1.89	48.0	4.05	102.9	2.57	65.4	.64
10G-8FFORX90L	7104-24515	5/8	15.9	13/16-16	—	24.0	2.52	64.0	3.64	92.4	2.16	54.9	.47
10G-8FFORX90S	7104-24495	5/8	15.9	13/16-16	—	24.0	1.14	29.0	3.64	92.4	2.16	54.9	.04
10G-10FFORX90L	7104-24565	5/8	15.9	1-14	—	30.0	2.76	70.0	3.55	90.2	2.07	52.7	.65
10G-10FFORX90M	7104-24555	5/8	15.9	1-14	—	30.0	1.85	47.0	3.65	92.8	2.18	55.3	.05
10G-10FFORX90S	7104-24545	5/8	15.9	1-14	—	30.0	1.26	32.0	3.64	92.5	2.17	55.0	.50
10G-12FFORX90S	7104-24595	5/8	15.9	1 3/16-12	—	36.0	1.89	48.0	3.79	96.3	2.31	58.8	.70
12G-10FFORX90S	7104-24635	3/4	19.1	1-14	—	30.0	1.26	32.0	4.09	104.0	2.09	53.0	.73
12G-12FFORX90L	7104-24665	3/4	19.1	1 3/16-12	—	36.0	3.78	96.0	4.65	118.2	2.65	67.2	.10
12G-12FFORX90M	7104-24655	3/4	19.1	1 3/16-12	—	36.0	2.28	58.0	4.29	109.0	2.28	58.0	.09
12G-12FFORX90S	7104-24645	3/4	19.1	1 3/16-12	—	36.0	1.89	48.0	4.28	108.8	2.28	57.8	.85
12G-16FFORX90S	7104-24695	3/4	19.1	1 7/16-12	—	41.0	2.20	56.0	5.06	128.5	3.05	77.5	1.10
16G-12FFORX90S	7104-24735	1	25.4	1 3/16-12	—	36.0	1.89	48.0	5.09	129.4	2.86	72.6	1.23
16G-16FFORX90L	7104-24765	1	25.4	1 7/16-12	—	41.0	4.49	114.0	5.11	129.9	2.88	73.1	.15
16G-16FFORX90M	7104-24755	1	25.4	1 7/16-12	—	41.0	2.80	71.0	5.11	129.9	2.88	73.1	1.46
16G-16FFORX90S	7104-24745	1	25.4	1 7/16-12	—	41.0	2.20	56.0	5.11	129.9	2.88	73.1	1.44
16G-20FFORX90M	7104-24915	1	25.4	1 11/16-12	—	50.0	3.07	78.0	6.14	156.0	3.91	99.2	.19
16G-20FFORX90S	7104-24905	1	25.4	1 11/16-12	—	50.0	2.52	64.0	5.11	129.9	2.88	73.1	1.67
20G-20FFORX90L	7104-24815	1 1/4	31.8	1 11/16-12	—	50.0	5.08	129.0	5.51	140.0	3.19	81.0	.06
20G-20FFORX90M	7104-24805	1 1/4	31.8	1 11/16-12	—	50.0	3.07	78.0	5.51	140.0	3.19	81.0	2.03
20G-20FFORX90S	7104-24795	1 1/4	31.8	1 11/16-12	—	50.0	2.52	64.0	5.91	150.0	3.58	91.0	.21

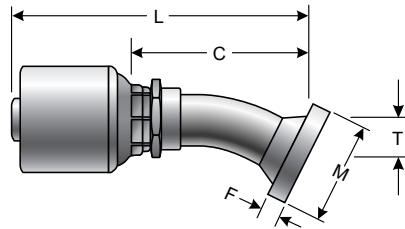
# Conector Prearmado para R1/R2/R4

## BRIDA CODIGO 61



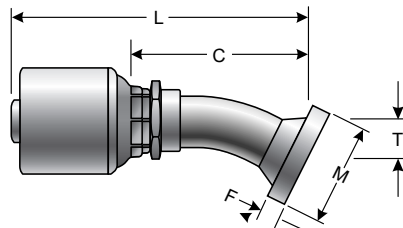
Descr.	Prod. No.	⊖		M		L		C		F		Weight
		"	mm	"	mm	"	mm	"	mm	"	mm	
8G-8FL	7103-25055	1/2	12.7	1.19	30.2	3.15	80.0	1.67	42.5	.27	6.9	.36
8G-12FL	7103-25105	1/2	12.7	1.50	38.1	3.15	80.0	1.67	42.5	.27	6.9	.46
12G-12FL	7103-25205	3/4	19.1	1.50	38.1	3.86	98.0	1.85	47.0	.27	6.9	.67
12G-16FL	7103-25255	3/4	19.1	1.75	44.5	3.50	88.8	1.49	37.8	.32	8.1	.77
16G-12FL	7103-25295	1	25.4	1.50	38.1	5.04	128.0	2.80	71.2	.27	6.9	1.25
16G-16FL	7103-25305	1	25.4	1.75	44.5	4.13	105.0	1.90	48.2	.32	8.1	1.23
16G-20FL	7103-25355	1	25.4	2.00	50.8	4.13	105.0	1.90	48.2	.32	8.1	1.32
16G-24FL	7100-03875	1	25.4	2.38	60.5	3.78	96.0	1.54	39.2	.32	8.1	1.39
20G-20FL	7103-25405	1 1/4	31.8	2.00	50.8	4.43	112.5	2.11	53.5	.32	8.1	1.54
20G-24FL	7103-25455	1 1/4	31.8	2.38	60.5	4.63	117.5	2.30	58.5	.32	8.1	1.80

## BRIDA CODIGO 61- CODO 22°



Descr.	Prod. No.	⊖		M		T		L		C		F		Weight
		"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	
12G-12FL22M	7103-26155	3/4	19.1	1.50	38.1	.43	11.0	4.76	121.0	2.76	70.0	.27	6.9	.12
12G-16FL22M-014	7100-03955	3/4	19.1	1.75	44.5	.55	14.0	4.76	121.0	2.76	70.0	.32	8.1	.08
16G-16FL22M	7103-26255	1	25.4	1.75	44.5	.55	14.0	5.61	142.5	3.37	85.7	.32	8.1	.18
20G-20FL22M	7103-26355	1 1/4	31.8	2.00	50.8	.59	15.0	6.00	152.5	3.68	93.5	.32	8.1	.26

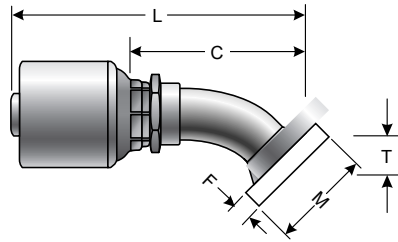
## BRIDA CODIGO 61- CODO 30°



Descr.	Prod. No.	⊖		M		T		L		C		F		Weight
		"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	
12G-12FL30M	7103-26655	3/4	19.1	1.50	38.1	.63	16.0	4.70	119.5	2.70	68.5	.32	8.1	.14
12G-16FL30M	7100-04045	3/4	19.1	1.75	44.5	.75	19.0	4.88	124.0	2.87	73.0	.32	8.1	.08
16G-16FL30M	7103-26755	1	25.4	1.75	44.5	.75	19.0	5.69	144.5	3.45	87.7	.32	8.1	.18
16G-20FL30M	7103-26805	1	25.4	2.00	50.8	.87	22.0	5.89	149.5	3.65	92.7	.32	8.1	1.55
20G-20FL30S	7103-26845	1 1/4	31.8	2.00	50.8	.79	20.0	6.04	153.4	3.72	94.4	.32	8.1	.24

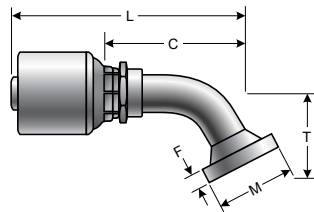
# Conector Prearmado para R1/R2/R4

## BRIDA CODIGO 61 - CODO 45°



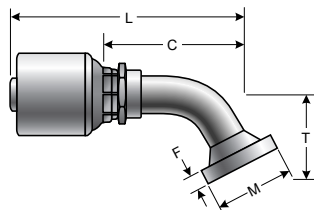
Descr.	Prod. No.	⊖	M		T		L		C		F		Weight	
			"	mm	"	mm	"	mm	"	mm	"	mm		Lbs.
8G-8FL45M	7103-27085	1/2	12.7	1.19	30.2	.75	19.0	3.85	97.8	2.37	60.3	.26	6.6	.72
8G-12FL45M	7103-27165	1/2	12.7	1.50	38.1	1.02	26.0	4.13	104.8	2.65	67.3	.27	6.9	.12
10G-12FL45M	7103-27205	5/8	15.9	1.50	38.1	1.02	26.0	4.43	112.6	2.96	75.1	.26	6.6	.58
12G-12FL45M	7103-27245	3/4	19.1	1.50	38.1	1.02	26.0	4.82	122.5	2.81	71.5	.27	6.9	.75
12G-16FL45S	7103-27315	3/4	19.1	1.75	44.5	1.10	28.0	4.90	124.5	2.89	73.5	.32	8.1	.90
16G-16FL45S	7103-27395	1	25.4	1.75	44.5	1.10	28.0	5.61	142.5	3.37	85.7	.32	8.1	.20
16G-20FL45S	7103-27475	1	25.4	2.00	50.8	1.26	32.0	5.87	149.0	3.63	92.2	.32	8.1	1.40
16G-24FL45	7100-07185	1	25.4	2.38	60.5	1.06	26.9	5.30	134.5	3.06	77.7	.32	8.1	1.54
20G-20FL45S	7103-27555	1 1/4	31.8	2.00	50.8	1.26	32.0	6.18	157.0	3.86	98.0	.32	8.1	.27

## BRIDA CODIGO 61 - CODO 60°



Descr.	Prod. No.	⊖	M		T		L		C		F		Weight	
			"	mm	"	mm	"	mm	"	mm	"	mm		Lbs.
12G-12FL60M	7103-28155	3/4	19.1	1.50	38.1	1.46	37.0	5.04	128.0	3.03	77.0	.27	6.9	.14
12G-16FL60M	7103-28205	3/4	19.1	1.75	44.5	1.73	44.0	5.20	132.0	3.19	81.0	.32	8.1	.19
16G-16FL60M	7103-28255	1	25.4	1.75	44.5	1.73	44.0	5.85	148.5	3.61	91.7	.32	8.1	.21
20G-20FL60S	7103-28345	1 1/4	31.8	2.00	50.8	1.77	45.0	6.22	158.0	3.90	99.0	.32	8.1	.27

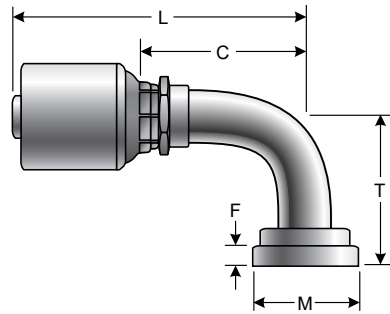
## BRIDA CODIGO 61 - CODO 67°



Descr.	Prod. No.	⊖	M		T		L		C		F		Weight	
			"	mm	"	mm	"	mm	"	mm	"	mm		Lbs.
12G-12FL67M	7100-04355	3/4	19.1	1.50	38.1	1.65	42.0	4.65	118.0	2.64	67.0	.27	6.9	.08
20G-20FL67S	7100-04335	1 1/4	31.8	2.00	50.8	2.01	51.0	5.92	150.4	3.60	91.4	.32	8.1	.25

# Conector Prearmado para R1/R2/R4

## BRIDA CODIGO - CODO 90°

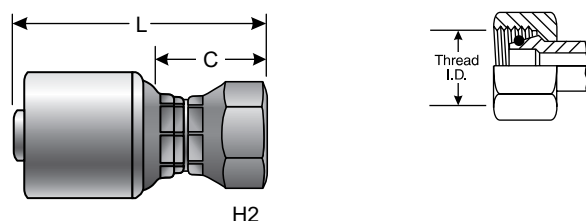


Descr.	Prod. No.	⊖		M		T		L		C		F		Weight
		"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	
8G-8FL90M	7103-29115	1/2	12.7	1.19	30.2	1.57	40.0	3.59	91.2	2.11	53.7	.27	6.9	.08
8G-12FL90M	7103-29235	1/2	12.7	1.50	38.1	2.28	58.0	3.60	91.5	2.13	54.0	.27	6.9	.54
10G-12FL90M	7100-04485	5/8	15.9	1.50	38.1	2.28	58.0	3.94	100.0	2.46	62.5	.27	6.9	.66
12G-12FL90M	7103-29535	3/4	19.1	1.50	38.1	2.28	58.0	4.54	115.3	2.53	64.3	.27	6.9	.80
12G-16FL90S	7103-29585	3/4	19.1	1.75	44.5	2.40	61.0	4.72	119.8	2.71	68.8	.32	8.1	1.70
16G-12FL90M	7103-29655	1	25.4	1.50	38.1	2.28	58.0	5.09	129.3	2.85	72.5	.27	6.9	1.78
16G-16FL90S	7103-29705	1	25.4	1.75	44.5	2.40	61.0	5.48	139.3	3.25	82.5	.32	8.1	1.35
16G-20FL90S	7103-29765	1	25.4	2.00	50.8	2.68	68.0	5.48	139.3	3.25	82.5	.32	8.1	1.45
16G-24FL90S-081	7100-04555	1	25.4	2.38	60.5	3.19	81.0	5.57	141.6	3.34	84.8	.32	8.1	1.69
20G-20FL90-102	7100-04565	1 1/4	31.8	2.00	50.8	4.00	101.6	5.43	138.0	3.11	79.0	.32	8.1	.16
20G-20FL90M	7103-29895	1 1/4	31.8	2.00	50.8	3.54	90.0	5.31	135.0	2.99	76.0	.32	8.1	1.90
20G-20FL90S	7103-29885	1 1/4	31.8	2.00	50.8	2.68	68.0	6.22	158.1	3.90	99.1	.32	8.1	1.90
20G-24FL90S	7103-29945	1 1/4	31.8	2.38	60.5	3.19	81.0	6.22	158.1	3.90	99.1	.32	8.1	.39



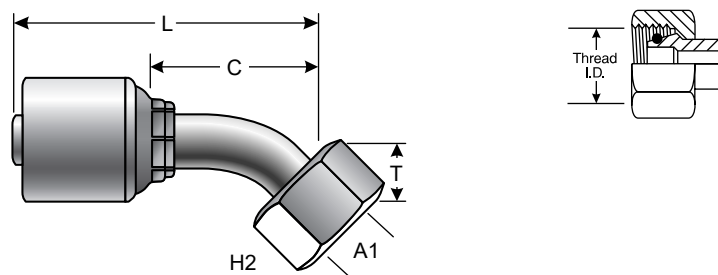
# Conector Prearmado para R1/R2/R4

## HEMBRA MILIMETRICA LIVIANA GIRATORIA



Descr.	Prod. No.	⊖		🌀	H1	H2	L		C		A1	Weight
		"	mm		mm	mm	"	mm	"	mm	mm	Lbs.
4G-6FDLORX	7100-92135	1/4	6.4	M12X1.5	—	14.0	1.92	48.7	1.01	25.8	6.0	.15
4G-8FDLORX	7100-91995	1/4	6.4	M14X1.5	—	17.0	2.02	51.3	1.12	28.4	8.0	.10
4G-10FDLORX	7100-92145	1/4	6.4	M16X1.5	—	19.0	2.06	52.2	1.15	29.3	10.0	.16
4G-12FDLORX	7100-92865	1/4	6.4	M18X1.5	—	22.0	2.07	52.6	1.17	29.7	12.0	.18
5G-10FDLORX	7100-92015	5/16	7.9	M16X1.5	—	19.0	2.12	53.9	1.17	29.7	10.0	.18
5G-12FDLORX	7100-92035	5/16	7.9	M18X1.5	—	22.0	2.30	58.5	1.18	30.0	12.0	.20
6G-10FDLORX	7100-92175	3/8	9.5	M16X1.5	—	19.0	2.06	52.3	1.15	29.2	10.0	.18
6G-12FDLORX	7100-92055	3/8	9.5	M18X1.5	—	22.0	2.09	53.0	1.18	29.9	12.0	.20
8G-15FDLORX	7100-92075	1/2	12.7	M22X1.5	—	27.0	2.43	61.8	1.16	29.3	15.0	.35
10G-18FDLORX	7100-92095	5/8	15.9	M26X1.5	—	32.0	2.36	60.0	1.19	30.3	18.0	.42
12G-18FDLORX	7100-92825	3/4	19.1	M26X1.5	—	32.0	2.70	68.5	1.18	30.0	18.0	.61
12G-22FDLORX	7100-92115	3/4	19.1	M30X2.0	—	36.0	2.79	70.8	1.27	32.3	22.0	.70
16G-28FDLORX	7100-92205	1	25.4	M36X2.0	—	41.0	3.21	81.6	1.45	36.7	28.0	1.06
20G-35FDLORX	7100-92215	1 1/4	31.8	M45X2.0	—	—	3.56	90.4	1.74	44.1	35.0	1.56
20G-42FDLORX	7100-95305	1 1/4	31.8	M52X2.0	—	60.0	4.25	108.0	1.93	49.0	42.0	2.00

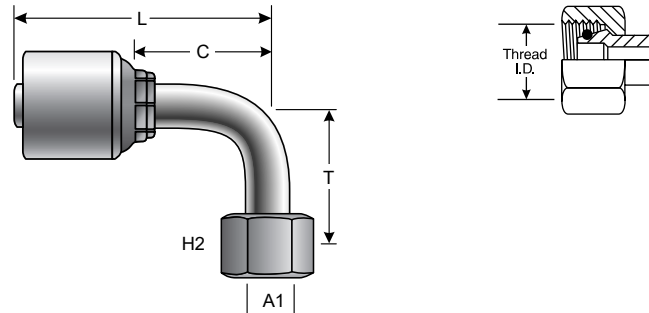
## HEMBRA MILIMETRICA LIVIANA GIRATORIA - CODO 45°



Descr.	Prod. No.	⊖		🌀	H1	H2	T	L		C		A1	Weight	
		"	mm		mm	mm	"	mm	"	mm	"	mm	mm	Lbs.
4G-8FDLORX45	7100-91855	1/4	6.4	M14X1.5	—	17.0	.64	16.2	2.34	59.5	1.44	36.5	8.0	.10
4G-10FDLORX45	7100-92265	1/4	6.4	M16X1.5	—	19.0	.70	17.9	2.41	61.3	1.51	38.3	10.0	.16
5G-10FDLORX45	7100-91895	5/16	7.9	M16X1.5	—	19.0	.67	17.1	2.50	63.4	1.55	39.3	10.0	.20
6G-10FDLORX45	7100-92295	3/8	9.5	M16X1.5	—	19.0	.73	18.6	2.50	63.6	1.59	40.5	10.0	.18
6G-12FDLORX45	7100-91875	3/8	9.5	M18X1.5	—	22.0	.74	18.9	2.52	64.0	1.61	40.9	12.0	.22
6G-15FDLORX45	7100-92315	3/8	9.5	M22X1.5	—	27.0	.89	22.5	2.66	67.5	1.75	44.4	15.0	.24
8G-15FDLORX45	7100-91935	1/2	12.7	M22X1.5	—	27.0	.79	20.2	3.13	79.6	1.85	47.1	15.0	.34
10G-18FDLORX45	7100-91955	5/8	15.9	M26X1.5	—	32.0	.98	24.8	3.37	85.7	2.21	56.0	18.0	.46
12G-22FDLORX45	7100-91975	3/4	19.1	M30X2.0	—	36.0	1.17	29.8	4.12	104.6	2.60	66.1	22.0	.80
16G-28FDLORX45	7100-92325	1	25.4	M36X2.0	—	41.0	1.21	30.9	4.87	123.7	3.10	78.8	28.0	1.24
20G-35FDLORX45	7100-92335	1 1/4	31.8	M45X2.0	—	50.0	1.48	37.5	5.48	139.3	3.68	93.4	35.0	1.90

# Conector Prearmado para R1/R2/R4

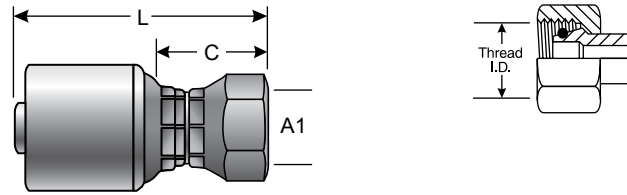
## HEMBRA MILIMETRICA LIVIANA GIRATORIA - CODO 90°



Descr.	Prod. No.	⊖		Spring	H1	H2	T	L		C		A1	Weight	
		"	mm					"	mm	"	mm			
4G-6FDLORX90	7100-92375	1/4	6.4	M12X1.5	—	14.0	1.38	35.0	2.15	54.5	1.24	31.5	6.0	.15
4G-8FDLORX90	7100-91685	1/4	6.4	M14X1.5	—	17.0	1.38	35.0	2.15	54.5	1.24	31.5	8.0	.12
4G-10FDLORX90	7100-92385	1/4	6.4	M16X1.5	—	19.0	1.44	36.5	2.15	54.5	1.24	31.5	10.0	.20
5G-10FDLORX90	7100-91725	5/16	7.9	M16X1.5	—	19.0	1.44	36.5	2.31	58.6	1.35	34.4	10.0	.21
6G-10FDLORX90	7100-92415	3/8	9.5	M16X1.5	—	19.0	1.44	36.5	2.18	55.3	1.27	32.2	10.0	.20
6G-12FDLORX90	7100-91705	3/8	9.5	M18X1.5	—	22.0	1.46	37.0	2.18	55.3	1.27	32.2	12.0	.25
8G-15FDLORX90	7100-91765	1/2	12.7	M22X1.5	—	27.0	1.65	42.0	2.87	72.9	1.59	40.4	15.0	.38
10G-18FDLORX90	7100-91785	5/8	15.9	M26X1.5	—	32.0	2.03	51.5	3.04	77.3	1.87	47.6	18.0	.55
12G-22FDLORX90	7100-91805	3/4	19.1	M30X2.0	—	36.0	2.44	62.0	3.73	94.8	2.22	56.3	22.0	.86
16G-28FDLORX90	7100-92445	1	25.4	M36X2.0	—	41.0	2.76	70.0	4.69	119.2	2.93	74.3	28.0	1.40
20G-35FDLORX90	7100-92455	1 1/4	31.8	M45X2.0	—	50.0	3.15	80.0	5.07	128.8	3.26	82.8	35.0	2.20

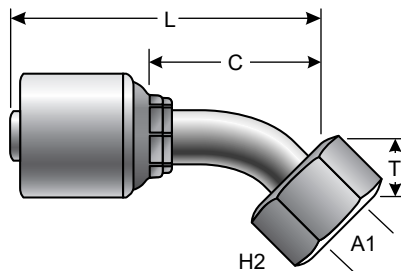
# Conector Prearmado para R1/R2/R4

## HEMBRA MILIMETRICA GIRATORIA PESADA



Descr.	Prod. No.	⊖		🌀	H1	H2	L		C		A1	Weight
		"	mm				"	mm	"	mm		
4G-8FDHORX	7100-92005	1/4	6.4	M16X1.5	—	19.0	2.02	51.3	1.12	28.4	8.0	.12
4G-10FDHORX	7100-92155	1/4	6.4	M18X1.5	—	22.0	2.06	52.2	1.15	29.3	10.0	.16
4G-12FDHORX	7100-92875	1/4	6.4	M20X1.5	—	24.0	2.19	55.7	1.17	29.7	12.0	.02
5G-12FDHORX	7100-92045	5/16	7.9	M20X1.5	—	24.0	2.28	58.0	1.18	30.0	12.0	.23
5G-14FDHORX	7100-94835	5/16	7.9	M22X1.5	—	27.0	2.11	53.6	1.18	30.0	14.0	.29
6G-10FDHORX	7100-92185	3/8	9.5	M18X1.5	—	22.0	2.06	52.3	1.15	29.2	10.0	.20
6G-12FDHORX	7100-92065	3/8	9.5	M20X1.5	—	24.0	2.09	53.0	1.18	29.9	12.0	.25
6G-14FDHORX	7100-93305	3/8	9.5	M22X1.5	—	27.0	2.19	55.6	1.28	32.5	14.0	.25
8G-12FDHORX	7100-93335	1/2	12.7	M20X1.5	—	24.0	2.76	70.2	1.29	32.7	12.0	.32
8G-14FDHORX	7100-94795	1/2	12.7	M22X1.5	—	27.0	2.56	65.0	1.28	32.5	14.0	.38
8G-16FDHORX	7100-96435	1/2	12.7	M24X1.5	—	30.0	2.61	66.4	1.32	33.5	15.4	.40
10G-20FDHORX	7100-92105	5/8	15.9	M30X2.0	—	36.0	2.67	67.9	1.51	38.2	20.0	.52
12G-20FDHORX	7100-96675	3/4	19.1	M30X2.0	—	36.0	3.61	91.7	1.60	40.7	20.0	.75
12G-25FDHORX	7100-92125	3/4	19.1	M36X2.0	—	46.0	3.19	81.1	1.68	42.6	25.0	1.06
16G-25FDHORX	7100-93215	1	25.4	M36X2.0	—	46.0	4.04	102.5	1.80	45.7	25.0	1.35
16G-30FDHORX	7100-92235	1	25.4	M42X2.0	—	50.0	3.70	94.1	1.94	49.2	30.0	1.44
20G-38FDHORX	7100-92245	1 1/4	31.8	M52X2.0	—	60.0	4.10	104.1	2.28	57.8	38.0	2.17

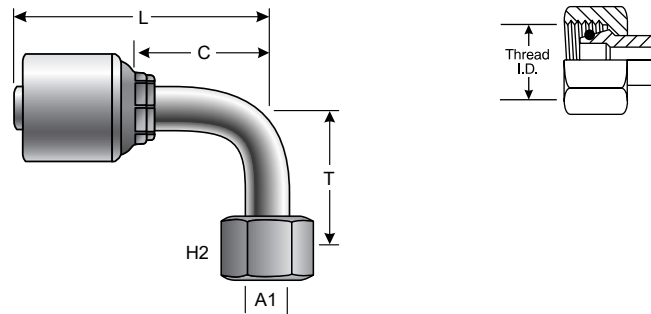
## HEMBRA MILIMETRICA PESADA GIRATORIA - CODO 45°



Descr.	Prod. No.	⊖		🌀	H1	H2	T	L		C		A1	Weight	
		"	mm					"	mm	"	mm			mm
4G-8FDHORX45	7100-91865	1/4	6.4	M16X1.5	—	19.0	.64	16.2	2.34	59.5	1.44	36.5	8.0	.15
4G-10FDHORX45	7100-95765	1/4	6.4	M18X1.5	—	22.0	.70	17.9	2.54	64.4	1.51	38.3	7.9	.19
6G-10FDHORX45	7100-96125	3/8	9.5	M18X1.5	—	22.0	.73	18.6	2.70	68.5	1.59	40.5	10.9	.21
6G-12FDHORX45	7100-91885	3/8	9.5	M20X1.5	—	24.0	.74	18.9	2.52	64.0	1.61	40.9	12.0	.25
8G-14FDHORX45	7100-94855	1/2	12.7	M22X1.5	—	27.0	1.11	28.3	3.40	86.4	2.13	54.0	14.0	.39
8G-16FDHORX45	7100-91945	1/2	12.7	M24X1.5	—	30.0	.85	21.6	3.19	81.0	1.91	48.5	16.0	.46
10G-20FDHORX45	7100-91965	5/8	15.9	M30X2.0	—	36.0	.98	24.9	3.36	85.4	2.19	55.7	20.0	.60
12G-25FDHORX45	7100-91985	3/4	19.1	M36X2.0	—	46.0	1.23	31.2	4.17	106.0	2.66	67.6	25.0	1.15

# Conector Prearmado para R1/R2/R4

## HEMBRA MILIMETRICA PESADA GIRATORIA - CODO 90°



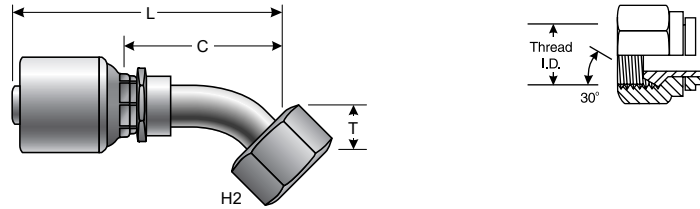
Descr.	Prod. No.	⊖		🌀	H1	H2	T		L		C		A1	Weight
		"	mm		mm	mm	"	mm	"	mm	"	mm	mm	Lbs.
4G-8FDHORX90	7100-91695	1/4	6.4	M16X1.5	—	19.0	1.38	35.0	2.15	54.5	1.24	31.5	8.0	.19
4G-10FDHORX90	7100-92395	1/4	6.4	M18X1.5	—	22.0	1.44	36.5	2.15	54.5	1.24	31.5	10.0	.20
5G-12FDHORX90	7100-91755	5/16	7.9	M20X1.5	—	24.0	1.46	37.0	2.32	59.0	1.22	31.0	12.0	.26
5G-14FDHORX90	7100-94845	5/16	7.9	M22X1.5	—	27.0	1.57	40.0	2.15	54.6	1.22	31.0	14.0	.31
6G-10FDHORX90	7100-92425	3/8	9.5	M18X1.5	—	22.0	1.44	36.5	2.18	55.3	1.27	32.2	10.0	.15
6G-12FDHORX90	7100-91715	3/8	9.5	M20X1.5	—	24.0	1.46	37.0	2.18	55.3	1.27	32.2	12.0	.22
6G-14FDHORX90	7100-92465	3/8	9.5	M22X1.5	—	27.0	1.57	40.0	2.18	55.3	1.27	32.2	14.0	.35
8G-14FDHORX90	7100-13005	1/2	12.7	M22X1.5	—	27.0	2.01	51.0	3.11	79.0	1.64	41.6	14.0	.64
8G-16FDHORX90	7100-91775	1/2	12.7	M24X1.5	—	30.0	1.73	44.0	2.87	72.9	1.59	40.4	16.0	.46
10G-20FDHORX90	7100-91795	5/8	15.9	M30X2.0	—	36.0	2.01	51.0	3.00	76.3	1.83	46.6	20.0	.60
10G-25FDHORX90	7100-94825	5/8	15.9	M36X2.0	—	46.0	2.52	64.0	3.31	84.1	1.83	46.6	25.0	1.01
12G-20FDHORX90	7100-93035	3/4	19.1	M30X2.0	—	36.0	2.01	51.0	3.46	87.8	1.94	49.3	20.0	.89
12G-25FDHORX90	7100-91815	3/4	19.1	M36X2.0	—	46.0	2.52	64.0	3.73	94.8	2.22	56.3	25.0	1.20
16G-25FDHORX90	7100-94925	1	25.4	M36X2.0	—	46.0	2.99	76.0	5.43	137.8	3.19	81.0	25.0	1.80

## HEMBRA BSP CON ORING GIRATORIA

Descr.	Prod. No.	⊖		🌀	H1	H2	L		C		Weight
		"	mm		mm	mm	"	mm	"	mm	Lbs.
12G-16FBSPORX	7100-94295	3/4	19.1	1-11	—	41.0	3.43	87.0	1.42	36.0	.08
16G-16FBSPORX	7100-94305	1	25.4	1-11	—	41.0	3.78	96.0	1.54	39.2	1.10
20G-20FBSPORX	7100-95235	1 1/4	31.8	1 1/4-11	—	50.0	3.48	88.5	1.16	29.5	1.53

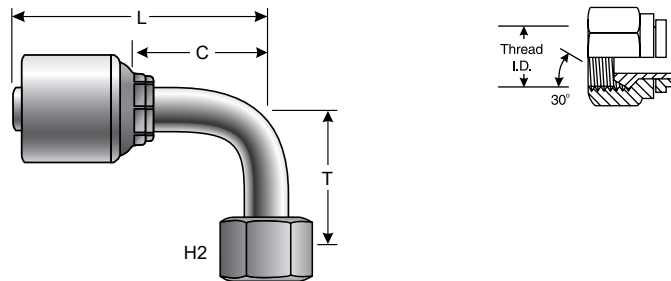
# Conector Prearmado para R1/R2/R4

## HEMBRA BSP CON ORING GIRATORIA - CODO 45°



Descr.	Prod. No.	Ø		Spring	H1	H2	T	L		C		Weight	
		"	mm					"	mm	"	mm		Lbs.
4G-4FBSPORX45	7100-91445	1/4	6.4	1/4-19	—	19.0	.46	11.6	2.13	54.0	1.22	31.1	.02
6G-6FBSPORX45	7100-91475	3/8	9.5	3/8-19	—	22.0	.61	15.4	2.64	67.1	1.54	39.1	.22
6G-8FBSPORX45	7100-91485	3/8	9.5	1/2-14	—	27.0	.76	19.3	2.60	66.1	1.69	43.0	.25
8G-8FBSPORX45	7100-91495	1/2	12.7	1/2-14	—	27.0	.67	17.0	3.01	76.5	1.73	44.0	.18
10G-10FBSPORX45	7100-91505	5/8	15.9	5/8-14	—	30.0	.84	21.3	3.22	81.8	2.05	52.1	.50
12G-12FBSPORX45	7100-91525	3/4	19.1	3/4-14	—	32.0	1.11	28.3	4.05	102.9	2.54	64.4	.56
16G-16FBSPORX45	7100-91535	1	25.4	1-11	—	41.0	1.22	30.9	4.87	123.6	3.10	78.8	1.20
20G-20FBSPORX45	7100-92715	1 1/4	31.8	1 1/4-11	—	50.0	1.48	37.5	5.50	139.6	3.68	93.4	2.20

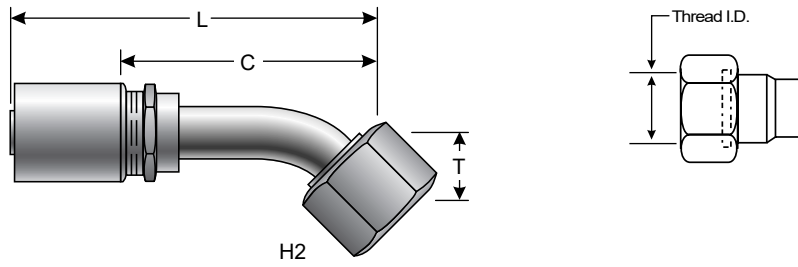
## HEMBRA BSP CON ORING GIRATORIA - CODO 90°



Descr.	Prod. No.	Ø		Spring	H1	H2	T	L		C		Weight	
		"	mm					"	mm	"	mm		Lbs.
4G-4FBSPORX90	7100-91545	1/4	6.4	1/4-19	—	19.0	.93	23.5	1.94	49.4	1.04	26.5	.18
6G-6FBSPORX90	7100-91575	3/8	9.5	3/8-19	—	22.0	1.26	32.0	2.44	61.9	1.34	34.0	.18
6G-8FBSPORX90	7100-91585	3/8	9.5	1/2-14	—	27.0	1.48	37.5	2.18	55.3	1.27	32.2	.30
8G-8FBSPORX90	7100-96585	1/2	12.7	1/2-14	—	27.0	1.47	37.3	3.07	78.0	1.59	40.5	.36
8G-10FBSPORX90	7100-93145	1/2	12.7	5/8-14	—	30.0	1.81	46.0	3.21	81.5	1.73	44.0	.45
10G-10FBSPORX90	7100-91605	5/8	15.9	5/8-14	—	30.0	1.81	46.0	3.00	76.3	1.83	46.6	.46
12G-12FBSPORX90	7100-91625	3/4	19.1	3/4-14	—	32.0	2.36	60.0	3.72	94.5	2.20	56.0	.80
16G-16FBSPORX90	7100-91635	1	25.4	1-11	—	41.0	2.76	70.0	4.69	119.2	2.93	74.3	1.48
20G-20FBSPORX90	7100-91645	1 1/4	31.8	1 1/4-11	—	50.0	3.15	80.0	5.07	128.8	3.26	82.8	2.35

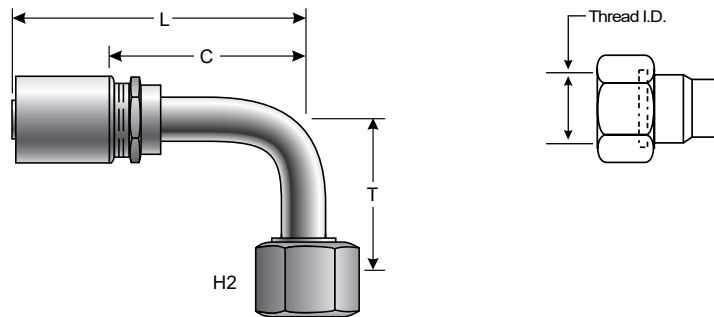
# Conector Prearmado para R4

## HEMBRA ASIENTO PLANO GIRATORIO - CODO 45°



Descr.	Prod. No.	⊖		🌀	H1	H2	T		L		C		Weight Lbs.
		"	mm				"	mm	"	mm	"	mm	
12GL-12FFORX45S	7348-00405	3/4	19.1	1 7/16-12	—	1 3/8	.83	21.1	4.67	118.6	2.66	67.6	.73
16GL-16FFORX45S	7348-00415	1	25.4	1 7/16-12	—	1 5/8	.94	23.9	5.08	129.0	2.85	72.4	1.03
20GL-20FFORX45S	7348-00425	1 1/4	31.8	1 11/16-12	—	1 7/8	.98	24.9	5.81	147.6	3.49	88.7	1.39

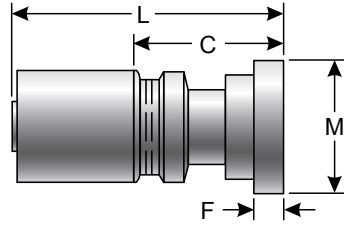
## HEMBRA ASIENTO PLANO GIRATORIO - CODO 90°



Descr.	Prod. No.	⊖		🌀	H1	H2	T		L		C		Weight Lbs.
		"	mm				"	mm	"	mm	"	mm	
12GL-12FFORX90M	7348-02155	3/4	19.1	1 3/16-12	—	1 1/4	1.89	48.0	4.61	117.1	2.60	66.0	.73
12GL-12FFORX90S	7348-00455	3/4	19.1	1 3/16-12	1 1/16	1 3/8	1.89	48.0	4.28	108.7	2.28	57.9	.70
16GL-16FFORX90S	7348-00465	1	25.4	1 7/16-12	—	1 5/8	2.20	55.9	5.11	129.8	2.88	73.2	1.10
20GL-20FFORX90S	7348-00475	1 1/4	31.8	1 11/16-12	—	1 7/8	2.52	64.0	5.51	140.0	3.19	81.0	1.51
24GL-24FFORX90M	7350-24985	1 1/2	38.1	2-12	—	2.36	3.39	86.1	7.26	184.4	4.62	117.4	3.06

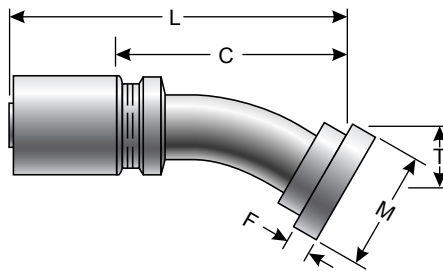
# Conector Prearmado para R4

## BRIDA CODIGO 61



Descr.	Prod. No.	⊖		M		L		C		F		Weight Lbs.
		"	mm	"	mm	"	mm	"	mm	"	mm	
12GL-12FL	7348-00505	3/4	19.1	1.50	38.1	3.86	98.1	1.85	47.0	.27	6.9	.57
16GL-16FL	7348-00555	1	25.4	1.75	44.5	3.78	96.0	1.54	39.1	.32	8.1	.08
20GL-20FL	7348-00525	1 1/4	31.8	2.00	50.8	4.43	112.5	2.11	53.6	.32	8.1	1.07
24GL-24FL	7348-00535	1 1/2	38.1	2.38	60.5	4.94	125.5	2.30	58.4	.32	8.1	1.88
32GL-32FL	7348-00545	2	50.8	2.81	71.4	5.61	142.5	2.54	64.5	.38	9.7	3.23
40GL-40FL	7305-05505	2 1/2	63.5	3.31	84.1	5.66	143.8	3.15	80.0	.38	9.7	3.00
40GL-48FL	7305-05605	2 1/2	63.5	4.00	101.6	5.66	143.8	3.21	81.5	.38	9.7	3.64
40GL-56FL	7305-05705	2 1/2	63.5	4.50	114.3	5.33	135.4	2.77	70.4	.44	11.2	5.20
40GL-64FL	7305-05795	2 1/2	63.5	5.00	127.0	5.33	135.4	2.88	73.2	.44	11.2	5.54
48GL-48FL	7305-05805	3	76.2	4.00	101.6	6.54	166.1	3.46	87.9	.32	8.1	5.10
56GL-56FL	7305-06305	3 1/2	88.9	4.50	114.3	6.70	170.2	3.06	77.7	.32	8.1	6.74
64GL-64FL	7305-06695	4	101.6	5.00	127.0	7.74	196.6	3.70	94.0	.44	11.2	7.29

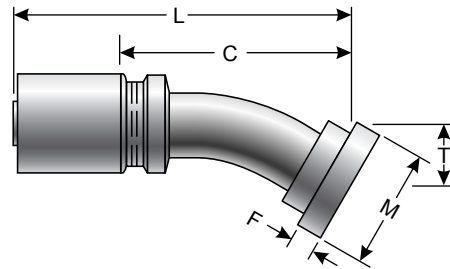
## BRIDA CODIGO 61 - CODO 22°



Descr.	Prod. No.	⊖		M		T		L		C		F		Weight Lbs.
		"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	
24GL-24FL22M-018	7348-00575	1 1/2	38.1	2.38	60.5	.71	18.0	6.39	162.3	3.76	95.5	.32	8.1	.15
40GL-40FL22	7305-05515	2 1/2	63.5	3.31	84.1	.63	16.0	6.81	173.0	4.36	110.7	.38	9.7	2.88
40GL-48FL22	7305-05615	2 1/2	63.5	4.00	101.6	.67	17.0	6.86	174.2	4.41	112.0	.38	9.7	4.16

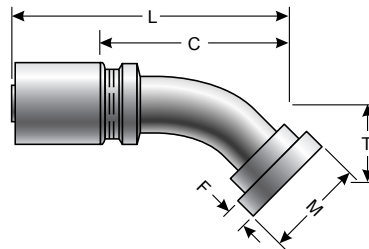
# Conector Prearmado para R4

## BRIDA CODIGO 61 - CODO 30°



Descr.	Prod. No.	⊖	M		T		L		C		F		Weight Lbs.	
			"	mm	"	mm	"	mm	"	mm	"	mm		
12GL-12FL30M	7348-00605	3/4	19.1	1.50	38.1	.63	16.0	4.51	114.6	2.50	63.5	.27	6.9	.56
16GL-16FL30M	7348-00615	1	25.4	1.75	44.5	.75	19.1	4.92	125.0	2.69	68.3	.32	8.1	.86
20GL-20FL30M	7348-00625	1 1/4	31.8	2.00	50.8	.87	22.1	5.37	136.4	3.05	77.5	.32	8.1	1.16
24GL-24FL30M	7348-00635	1 1/2	38.1	2.38	60.5	1.18	30.0	6.86	174.2	4.22	107.2	.32	8.1	1.64
32GL-32FL30M	7348-00645	2	50.8	2.81	71.4	1.26	32.0	7.78	197.6	4.72	119.9	.38	9.7	2.88
40GL-40FL30	7305-05525	2 1/2	63.5	3.31	84.1	1.08	27.4	7.30	185.4	4.85	123.2	.38	9.7	3.77
40GL-48FL30	7305-05625	2 1/2	63.5	4.00	101.6	1.08	27.4	7.36	186.9	4.91	124.7	.38	9.7	4.04
48GL-48FL30	7305-05825	3	76.2	4.00	101.6	1.12	28.5	8.23	209.0	5.15	130.8	.38	9.7	5.28

## BRIDA CODIGO 61 - CODO 45°

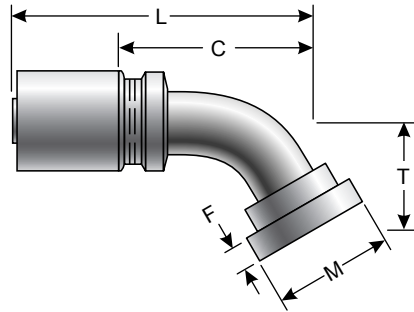


Descr.	Prod. No.	⊖	M		T		L		C		F		Weight Lbs.	
			"	mm	"	mm	"	mm	"	mm	"	mm		
12GL-12FL45M	7348-00705	3/4	19.1	1.50	38.1	1.02	25.9	4.67	118.6	2.66	67.6	.27	6.9	.58
16GL-16FL45S	7348-00715	1	25.4	1.75	44.5	1.10	27.9	5.11	129.8	2.87	72.9	.32	8.1	.87
20GL-20FL45S	7348-00725	1 1/4	31.8	2.00	50.8	1.26	32.0	5.59	142.0	3.29	83.6	.32	8.1	1.21
24GL-24FL45S	7348-00735	1 1/2	38.1	2.38	60.5	1.50	38.1	6.62	168.2	3.99	101.4	.32	8.1	1.63
32GL-32FL45S	7348-00745	2	50.8	2.81	71.4	2.05	52.1	8.07	205.0	5.00	127.0	.38	9.7	3.06
40GL-40FL45	7305-05535	2 1/2	63.5	3.31	84.1	1.72	43.7	7.72	196.1	5.27	133.9	.38	9.7	3.94
40GL-48FL45	7305-05635	2 1/2	63.5	4.00	101.6	1.76	44.7	7.76	197.1	5.31	134.9	.38	9.7	4.72
48GL-48FL45	7305-05835	3	76.2	4.00	101.6	2.03	51.6	9.18	233.2	6.10	154.9	.38	9.7	5.83
48GL-56FL45	7305-05895	3	76.2	4.50	114.3	2.03	51.6	12.38	314.5	9.30	236.2	.44	11.2	7.04
56GL-56FL45	7305-06335	3 1/2	88.9	4.50	114.3	2.13	54.1	9.66	245.4	6.02	152.9	.44	11.2	8.64
56GL-64FL45	7305-06385	3 1/2	88.9	5.00	127.0	2.13	54.1	9.66	245.4	6.02	152.9	.44	11.2	8.86
64GL-64FL45	7305-06725	4	101.6	5.00	127.0	3.61	91.7	12.70	322.6	8.66	220.0	.44	11.2	12.50



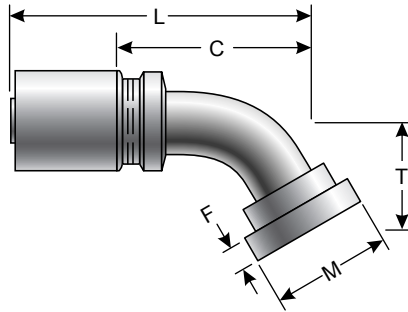
# Conector Prearmado para R4

## BRIDA CODIGO 61 - CODO 60°



Descr.	Prod. No.	⊖		M		T		L		C		F		Weight
		"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	
12GL-12FL60M	7348-00805	3/4	19.1	1.50	38.1	1.46	37.1	4.61	117.1	2.60	66.0	.27	6.9	.59
16GL-16FL60M	7348-00815	1	25.4	1.75	44.5	1.73	43.9	5.14	130.7	2.90	73.7	.32	8.1	.91
20GL-20FL60S	7348-00825	1 1/4	31.8	2.00	50.8	1.77	45.0	5.67	144.0	3.35	85.1	.32	8.1	1.27
24GL-24FL60S	7348-00835	1 1/2	38.1	2.38	60.5	2.09	53.1	6.63	168.4	3.99	101.4	.32	8.1	1.64
32GL-32FL60S	7348-00845	2	50.8	2.81	71.4	2.95	74.9	8.59	218.2	5.52	140.2	.38	9.7	3.34
40GL-40FL60	7305-05545	2 1/2	63.5	3.31	84.1	2.63	66.8	8.13	206.5	5.68	144.3	.38	9.7	4.24
48GL-48FL60	7305-05845	3	76.2	4.00	101.6	3.11	79.0	9.66	245.4	6.58	167.1	.38	9.7	6.85

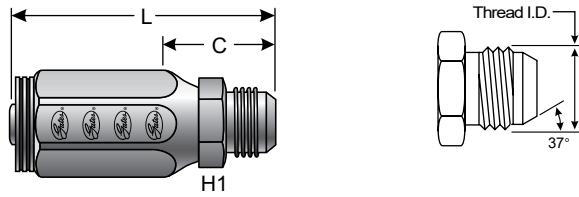
## BRIDA CODIGO 61 - CODO 67°



Descr.	Prod. No.	⊖		M		T		L		C		F		Weight
		"	mm	"	mm	"	mm	"	mm	"	mm	"	mm	
32GL-32FL67S	7348-00875	2	50.8	2.81	71.4	3.35	85.1	8.56	217.4	5.49	139.5	.38	9.7	3.98
40GL-40FL67	7305-05555	2 1/2	63.5	3.31	84.1	3.13	79.5	8.22	208.8	5.77	146.6	.38	9.7	4.46

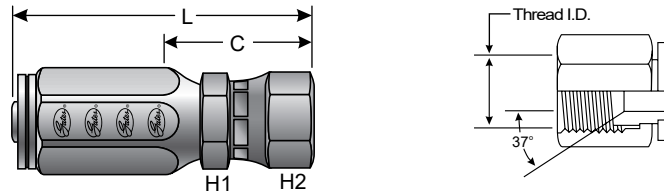
# Conector Reusable para R1

## REUSABLE MACHO JIC



Descr.	Prod. No.	⌀		🌀	H1	H2	L		C		Weight Lbs.
		"	mm		"	"	"	mm	"	mm	
6C1T-6RMJ	7231-22185	3/8	9.5	9/16-18	9/16	—	2.68	68.1	1.40	35.6	.27
8C1T-8RMJ	7231-22195	1/2	12.7	3/4-16	3/4	—	3.05	77.5	1.70	43.2	.44
8C1T-10RMJ	7231-22205	1/2	12.7	7/8-14	7/8	—	3.31	84.1	1.96	49.9	.48
12C1T-12RMJ	7231-22215	3/4	19.1	1 1/16-12	1 1/16	—	3.52	89.4	1.98	50.3	.78

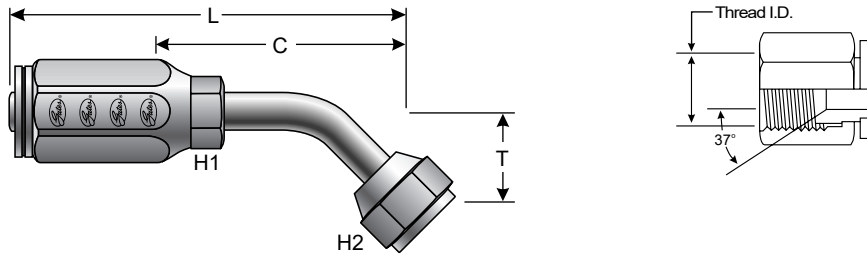
## REUSABLE HEMBRA JIC GIRATORIA



Descr.	Prod. No.	⌀		🌀	H1	H2	L		C		Weight Lbs.
		"	mm		"	"	"	mm	"	mm	
4C1T-4RFJX	7231-81215	1/4	6.4	7/16-20	9/16	9/16	2.47	62.7	1.46	37.1	.16
4C1T-5RFJX	7231-81216	1/4	6.4	1/2-20	11/16	11/16	2.58	65.5	1.57	39.9	.17
6C1T-6RFJX	7231-81217	3/8	9.5	9/16-18	3/4	3/4	2.80	71.1	1.65	41.9	.29
6C1T-8RFJX	7231-81218	3/8	9.5	3/4-16	3/4	7/8	2.91	73.9	1.76	44.7	.34
8C1T-8RFJX	7231-81219	1/2	12.7	3/4-16	13/16	7/8	3.24	82.3	1.89	48.1	.43
8C1T-10RFJX	7231-81220	1/2	12.7	7/8-14	13/16	1 1/16	3.34	84.8	1.99	50.6	.49
12C1T-12RFJX	7231-81221	3/4	19.1	1 1/16-12	1 1/8	1 1/4	3.45	87.6	1.91	48.5	.75
16C1T-16RFJX	7231-81222	1	25.4	1 5/16-12	1 3/8	1 1/2	3.90	99.1	2.22	56.4	1.11

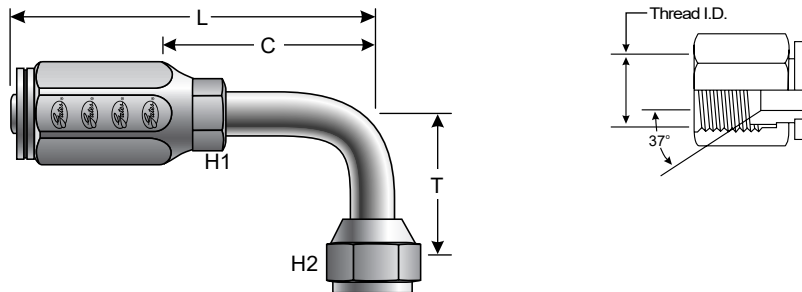
# Conector Reusable para R1

## REUSABLE HEMBRA JIC GIRATORIA - CODO 45°



Descr.	Prod. No.	⌀		🌀	H1	H2	T		L		C		Weight
		"	mm				"	mm	"	mm	"	mm	
4C1T-4RFJX45	7231-22545	1/4	6.4	7/16-20	3/8	9/16	.33	8.4	2.80	71.1	1.79	45.5	.16
6C1T-6RFJX45	7231-22555	3/8	9.5	9/16-18	1/2	11/16	.39	9.9	3.37	85.6	1.79	45.5	.31
8C1T-8RFJX45	7231-22565	1/2	12.7	3/4-16	5/8	7/8	.55	14.0	4.11	104.4	2.10	53.3	.50
12C1T-12RFJX45	7231-22575	3/4	19.1	1 1/16-12	—	1 1/4	.78	19.8	4.70	119.4	3.16	80.3	.89

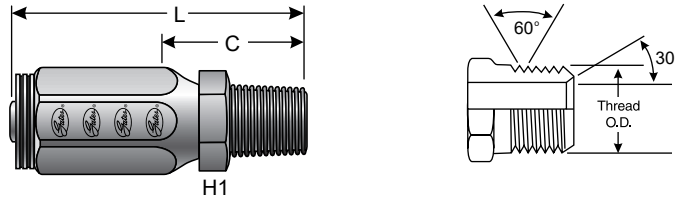
## REUSABLE HEMBRA JIC GIRATORIA - CODO 90°



Descr.	Prod. No.	⌀		🌀	H1	H2	T		L		C		Weight
		"	mm				"	mm	"	mm	"	mm	
4C1T-4RFJX90	7231-22655	1/4	6.4	7/16-20	3/8	9/16	.68	17.3	2.69	68.3	1.68	42.7	.16
6C1T-6RFJX90	7231-22665	3/8	9.5	9/16-18	1/2	11/16	.85	21.6	3.28	83.3	2.00	50.8	.32
6C1T-8RFJX90	7231-22675	3/8	9.5	3/4-16	5/8	7/8	1.09	27.7	3.58	90.9	2.31	58.7	.40
8C1T-8RFJX90	7231-22685	1/2	12.7	3/4-16	5/8	7/8	1.09	27.7	3.86	98.1	2.51	63.8	.51
8C1T-10RFJX90	7231-22695	1/2	12.7	7/8-14	3/4	1	1.23	31.2	3.92	99.6	2.59	65.8	.59
12C1T-12RFJX90	7231-22705	3/4	19.1	1 1/16-12	—	1 1/4	1.82	46.2	4.59	116.6	3.05	77.5	.93

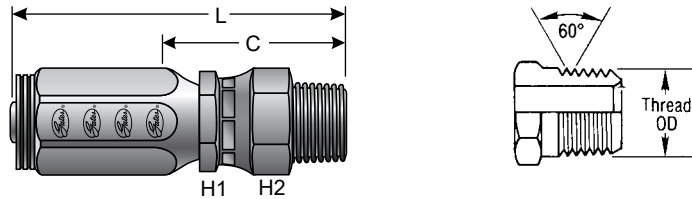
# Conector Reusable para R2

## REUSABLE MACHO NPT



Descr.	Prod. No.	⊖		🌀	H1	H2	L		C		Weight Lbs.
		"	mm				"	mm	"	mm	
4C2AT-2RMP	7231-81247	1/4	6.4	1/8-27	1/2	—	2.30	58.4	1.23	31.2	.14
4C2AT-4RMP	7231-81223	1/4	6.4	1/4-18	9/16	—	2.52	64.0	1.45	36.8	.17
6C2AT-4RMP	7231-81248	3/8	9.5	1/4-18	9/16	—	2.68	68.1	1.45	36.8	.28
6C2AT-6RMP	7231-81224	3/8	9.5	3/8-18	11/16	—	2.53	64.3	1.30	33.0	.31
8C2AT-6RMP	7231-81249	1/2	12.7	3/8-18	11/16	—	3.05	77.5	1.63	41.4	.42
8C2AT-8RMP	7231-81225	1/2	12.7	1/2-14	7/8	—	3.06	77.7	1.64	41.7	.43
8C2AT-12RMP	7231-81251	1/2	12.7	3/4-14	1 1/16	—	3.13	79.5	1.71	43.4	.42
12C2AT-12RMP	7231-81226	3/4	19.1	3/4-14	1 1/16	—	3.19	81.0	1.65	41.9	.64
16C2AT-16RMP	7231-81227	1	25.4	1-11 1/2	1 3/8	—	3.78	96.0	2.04	51.8	1.12
20C2AT-20RMP	7231-81228	1 1/4	31.8	1 1/4-11 1/2	1 3/4	—	4.59	116.6	2.49	63.3	2.44
24C2AT-24RMP	7231-81252	1 1/2	38.1	1 1/2-11 1/2	2	—	5.18	131.6	2.68	68.1	3.08

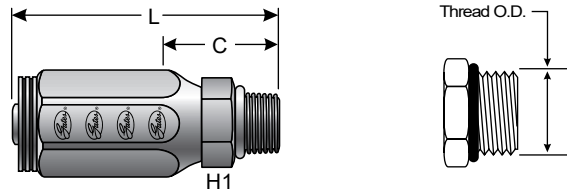
## REUSABLE MACHO NPT GIRATORIO



Descr.	Prod. No.	⊖		🌀	H1	H2	L		C		Weight Lbs.
		"	mm				"	mm	"	mm	
4C2AT-4RMPX	7231-22495	1/4	6.4	1/4-18	7/16	11/16	3.18	80.8	2.11	53.6	.21
6C2AT-6RMPX	7231-22505	3/8	9.5	3/8-18	5/8	7/8	3.51	89.2	2.27	57.7	.39
8C2AT-8RMPX	7231-22515	1/2	12.7	1/2-14	3/4	1	3.99	101.4	2.56	65.0	.54
12C2AT-12RMPX	7231-22525	3/4	19.1	3/4-14	1 1/16	1 5/16	4.27	108.5	2.73	69.3	.96

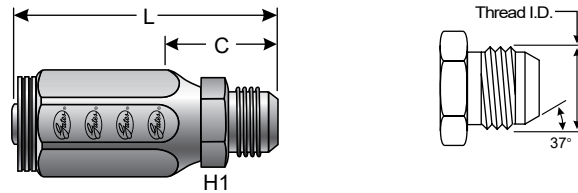
# Conector Reusable para R2

## REUSABLE MACHO BOSS



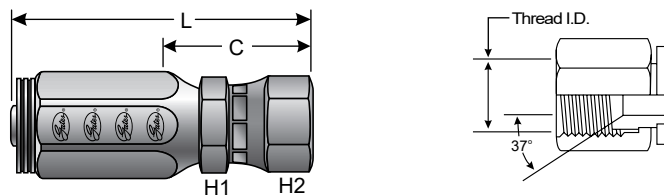
Descr.	Prod. No.	⊖		🌀	H1	H2	L		C		Weight Lbs.
		"	mm		"	"	"	mm	"	mm	
6C2AT-6RMB	7231-22355	3/8	9.5	9/16-18	11/16	—	2.52	64.0	1.28	32.5	.27
6C2AT-8RMB	7231-22365	3/8	9.5	3/4-16	7/8	—	2.59	65.8	1.36	34.5	.30
8C2AT-8RMB	7231-22375	1/2	12.7	3/4-16	7/8	—	2.87	72.9	1.45	36.8	.42
8C2AT-10RMB	7231-22385	1/2	12.7	7/8-14	1	—	3.11	79.0	1.59	40.4	.44

## REUSABLE MACHO JIC



Descr.	Prod. No.	⊖		🌀	H1	H2	L		C		Weight Lbs.
		"	mm		"	"	"	mm	"	mm	
6C2AT-6RMJ	7231-22025	3/8	9.5	9/16-18	9/16	—	2.68	68.1	1.45	36.8	.26
8C2AT-8RMJ	7231-22045	1/2	12.7	3/4-16	3/4	—	3.05	77.5	1.63	41.4	.48
8C2AT-10RMJ	7231-22055	1/2	12.7	7/8-14	7/8	—	3.31	84.1	1.89	48.1	.52
12C2AT-12RMJ	7231-22065	3/4	19.1	1 1/16-12	1 1/16	—	3.52	89.4	1.98	50.3	.79

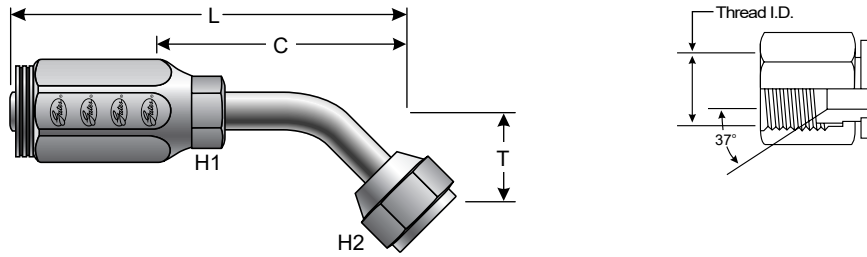
## REUSABLE HEMBRA GIRATORIA JIC



Descr.	Prod. No.	⊖		🌀	H1	H2	L		C		Weight Lbs.
		"	mm		"	"	"	mm	"	mm	
4C2AT-4RFJX	7231-81229	1/4	6.4	7/16-20	9/16	9/16	2.47	62.7	1.40	35.6	.17
4C2AT-5RFJX	7231-81230	1/4	6.4	1/2-20	11/16	11/16	2.58	65.5	1.57	39.9	.18
6C2AT-6RFJX	7231-81231	3/8	9.5	9/16-18	3/4	3/4	2.80	71.1	1.56	39.6	.32
6C2AT-8RFJX	7231-81232	3/8	9.5	3/4-16	3/4	3/4	2.91	73.9	1.67	42.4	.37
8C2AT-8RFJX	7231-81233	1/2	12.7	3/4-16	13/16	7/8	3.24	82.3	1.82	46.2	.46
8C2AT-10RFJX	7231-81234	1/2	12.7	7/8-14	13/16	1 1/16	3.34	84.8	1.92	48.8	.53
12C2AT-12RFJX	7231-81235	3/4	19.1	1 1/16-12	1 1/8	1 1/2	3.45	87.6	1.91	48.5	.66
16C2AT-16RFJX	7231-81236	1	25.4	1 5/16-12	1 3/8	1 1/2	3.90	99.1	2.16	54.9	1.24
20C2AT-20RFJX	7231-81237	1 1/4	31.8	1 5/12-12	1 7/8	2	4.85	123.2	2.74	69.6	3.01
24C2AT-24RFJX	7231-81254	1 1/2	38.1	1 7/8-12	2 1/8	2 1/4	5.26	133.6	2.76	70.1	3.69

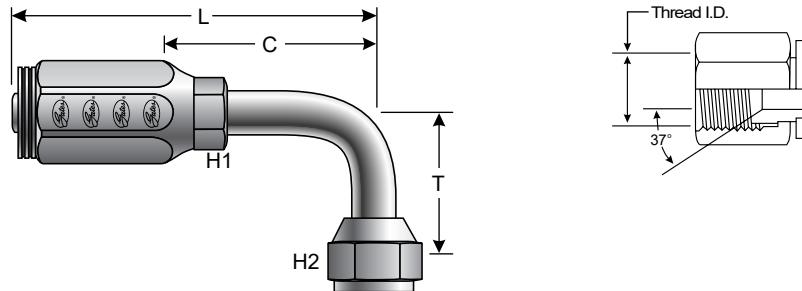
# Conector Reusable para R2

## REUSABLE HEMBRA JIC GIRATORIA - CODO45°



Descr.	Prod. No.	⌀		🌀	H1	H2	T		L		C		Weight Lbs.
		"	mm		"	"	mm	"	mm	"	mm	"	
4C2AT-4RFJX45	7231-22595	1/4	6.4	7/16-20	3/8	9/16	.33	8.4	2.80	71.1	1.73	43.9	.16
6C2AT-6RFJX45	7231-22605	3/8	9.5	9/16-18	1/2	11/16	.39	9.9	3.37	85.6	2.14	54.4	.30
8C2AT-8RFJX45	7231-22615	1/2	12.7	3/4-16	5/8	7/8	.55	14.0	4.11	104.4	2.68	68.1	.54
12C2AT-12RFJX45	7231-22625	3/4	19.1	1 1/16-12	7/8	1 1/4	.78	19.8	4.70	119.4	3.16	80.3	.90

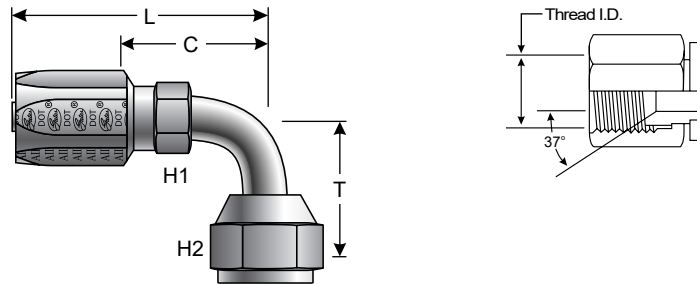
## REUSABLE HEMBRA JIC GIRATORIA - CODO90°



Descr.	Prod. No.	⌀		🌀	H1	H2	T		L		C		Weight Lbs.
		"	mm		"	"	mm	"	mm	"	mm	"	
4C2AT-4RFJX90	7231-22755	1/4	6.4	7/16-20	3/8	9/16	.68	17.3	2.69	68.3	1.62	41.2	.16
6C2AT-6RFJX90	7231-22765	3/8	9.5	9/16-18	1/2	11/16	.85	21.6	3.28	83.3	2.04	51.8	.31
6C2AT-8RFJX90	7231-22775	3/8	9.5	3/4-16	5/8	7/8	1.09	27.7	3.58	90.9	2.35	59.7	.39
8C2AT-8RFJX90	7231-22785	1/2	12.7	3/4-16	5/8	7/8	1.09	27.7	3.86	98.1	2.42	61.5	.55
8C2AT-10RFJX90	7231-22795	1/2	12.7	7/8-14	3/4	1	1.23	31.2	3.92	99.6	2.50	63.5	.64
12C2AT-12RFJX90	7231-22805	3/4	19.1	1 1/16-12	7/8	1 1/4	1.82	46.2	4.59	116.6	3.05	77.5	.94

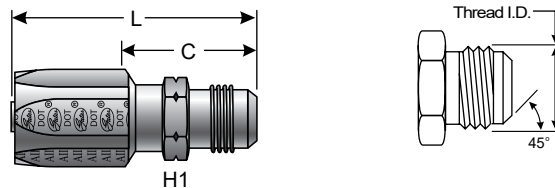
# Conector Reusable para R5

## REUSABLE HEMBRA JIC GIRATORIA- CODO 90°



Descr.	Prod. No.	⊖		🌀	H1	H2	T	L		C		Weight	
		"	mm					"	mm	"	mm		Lbs.
6C5-6RFJX90	7235-86471	5/16	7.9	9/16-18	1/2	11/16	.84	21.3	2.28	57.9	1.33	33.8	.17
6C5-6RFJX90L	7235-04205	5/16	7.9	9/16-18	1/2	11/16	2.19	55.6	2.28	57.9	1.33	33.8	.02
12C5-12RFJX90	7235-86474	5/8	15.9	1 1/16-12	7/8	1 1/4	1.81	46.0	4.22	107.2	2.66	67.6	.70
12C5-12RFJX90L	7235-86481	5/8	15.9	1 1/16-12	7/8	1 1/4	3.75	95.3	4.22	107.2	2.66	67.6	.77
16C5-16RFJX90	7235-86475	7/8	22.2	1 5/16-12	—	1 1/2	2.16	54.9	3.95	100.3	2.76	70.1	.94
16C5-16RFJX90L	7235-86482	7/8	22.2	1 5/16-12	—	1 1/2	4.34	110.2	3.95	100.3	2.76	70.1	1.06
20C5-20RFJX90L	7235-20255	1 1/8	28.6	1 5/8-12	—	2	5.50	139.7	5.26	133.6	3.89	98.8	2.20
20C5-20RFJX90S	7235-20265	1 1/8	28.6	1 5/8-12	—	2	2.75	69.9	5.07	128.8	3.70	94.0	1.89

## REUSABLE MACHO SAE 45° - RECTO



Descr.	Prod. No.	⊖		🌀	H1	H2	L		C		Weight
		"	mm				"	mm	"	mm	
4C5-4RMS	7236-86414	3/16	4.8	1/2-20	1/2	—	1.76	44.7	1.06	26.9	.08
5C5-5RMS	7236-86415	1/4	6.4	1/2-20	1/2	—	1.96	49.8	1.19	30.2	.10
6C5-6RMS	7236-86416	5/16	7.9	5/8-18	5/8	—	2.23	56.6	1.28	32.5	.15
8C5-8RMS	7236-86417	13/32	10.3	3/4-16	3/4	—	2.65	67.3	1.53	38.9	.26
10C5-10RMS	7236-86418	1/2	12.7	7/8-14	7/8	—	3.01	76.5	1.72	43.7	.40
12C5-12RMS	7236-86419	5/8	15.9	1 1/16-14	1 1/16	—	3.50	88.9	1.94	49.3	.60

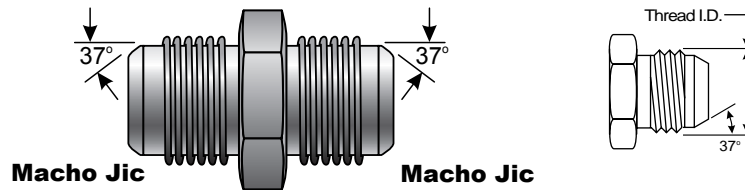
# ADAPTADORES





# ADAPTADORES

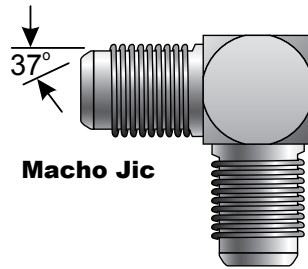
## MACHO JIC - MACHO JIC



Descr.	Prod. No.	Macho Jic		Macho Jic		Lbs.
		Rosca	"	Rosca	"	
2MJ-2MJ	7259-77775	5/16-24	1/8	5/16-24	1/8	.01
3MJ-2MJ	7259-09065	3/8-24	3/16	5/16-24	1/8	.26
3MJ-3MJ	7259-77785	3/8-24	3/16	3/8-24	3/16	.17
4MJ-3MJ	7259-09075	7/16-20	1/4	3/8-24	3/16	.03
4MJ-4MJ	7259-10125	7/16-20	1/4	7/16-20	1/4	.04
4MJ-6MJ	7253-33785	7/16-20	1/4	9/16-18	3/8	.12
5MJ-4MJ	7259-77795	1/2-20	5/16	7/16-20	1/4	.04
5MJ-5MJ	7259-10735	1/2-20	5/16	1/2-20	5/16	.06
6MJ-4MJ	7259-00285	9/16-18	3/8	7/16-20	1/4	.06
6MJ-5MJ	7259-77805	9/16-18	3/8	1/2-20	5/16	.05
6MJ-6MJ	7259-06265	9/16-18	3/8	9/16-18	3/8	.07
6MJ-8MJ	7253-33805	9/16-18	3/8	3/4-16	1/2	.12
8MJ-4MJ	7259-06505	3/4-16	1/2	7/16-20	1/4	.10
8MJ-5MJ	7259-09085	3/4-16	1/2	1/2-20	5/16	.10
8MJ-6MJ	7259-00075	3/4-16	1/2	9/16-18	3/8	.14
8MJ-8MJ	7259-06275	3/4-16	1/2	3/4-16	1/2	.12
8MJ-10MJ	7253-33825	3/4-16	1/2	7/8-14	5/8	.20
10MJ-4MJ	7259-07195	7/8-14	5/8	7/16-20	1/4	.14
10MJ-6MJ	7259-07805	7/8-14	5/8	9/16-18	3/8	.14
10MJ-8MJ	7259-00375	7/8-14	5/8	3/4-16	1/2	.18
10MJ-10MJ	7259-10225	7/8-14	5/8	7/8-14	5/8	.21
10MJ-12MJ	7253-33835	7/8-14	5/8	1 1/16-12	3/4	.30
12MJ-4MJ	7259-09095	1 1/16-12	3/4	7/16-20	1/4	.23
12MJ-6MJ	7259-08455	1 1/16-12	3/4	9/16-18	3/8	.23
12MJ-8MJ	7259-77815	1 1/16-12	3/4	3/4-16	1/2	.26
12MJ-10MJ	7259-00565	1 1/16-12	3/4	7/8-14	5/8	.28
12MJ-12MJ	7259-10235	1 1/16-12	3/4	1 1/16-12	3/4	.32
14MJ-12MJ	7259-09105	1 3/16-12	7/8	1 1/16-12	3/4	.35
14MJ-14MJ	7259-77825	1 3/16-12	7/8	1 3/16-12	7/8	.40
16MJ-8MJ	7259-07205	1 5/16-12	1	3/4-16	1/2	.34
16MJ-10MJ	7259-07505	1 5/16-12	1	7/8-14	5/8	.38
16MJ-12MJ	7259-77835	1 5/16-12	1	1 1/16-12	3/4	.42
16MJ-16MJ	7259-10655	1 5/16-12	1	1 5/16-12	1	.45
20MJ-12MJ	7259-09115	1 5/8-12	1 1/4	1 1/16-12	3/4	.60
20MJ-16MJ	7259-06555	1 5/8-12	1 1/4	1 5/16-12	1	.63
20MJ-20MJ	7259-11145	1 5/8-12	1 1/4	1 5/8-12	1 1/4	1.59
24MJ-12MJ	7259-09125	1 7/8-12	1 1/2	1 1/16-12	3/4	.88
24MJ-20MJ	7259-09135	1 7/8-12	1 1/2	1 5/8-12	1 1/4	.94
24MJ-24MJ	7259-33845	1 7/8-12	1 1/2	1 7/8-12	1 1/2	1.00
32MJ-32MJ	7259-33855	2 1/2-12	2	2 1/2-12	2	2.19

# ADAPTADORES

## MACHO JIC - MACHO JIC - 90°

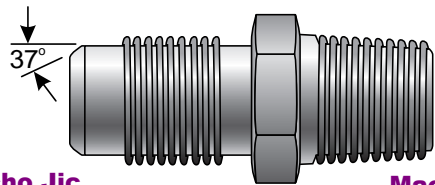


Macho Jic

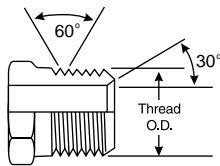
Descr.	Prod. No.	Macho Jic		Macho Jic		Lbs.
		Rosca	"	Rosca	"	
2MJ-2MJ90	7259-09145	5/16-24	1/8	5/16-24	1/8	.03
4MJ-4MJ90	7259-77845	7/16-20	1/4	7/16-20	1/4	.08
5MJ-5MJ90	7259-05865	1/2-20	5/16	1/2-20	5/16	.08
6MJ-4MJ90	7259-07925	9/16-18	3/8	7/16-20	1/4	.09
6MJ-6MJ90	7259-77855	9/16-18	3/8	9/16-18	3/8	.10
8MJ-6MJ90	7259-06745	3/4-16	1/2	9/16-18	1/2	.20
8MJ-8MJ90	7259-77865	3/4-16	1/2	3/4-16	1/2	.21
10MJ-10MJ90	7259-77875	7/8-14	5/8	7/8-14	5/8	.32
12MJ-12MJ90	7259-77885	1 1/16-12	3/4	1 1/16-12	3/4	.49
14MJ-14MJ90	7259-08275	1 3/16-12	7/8	1 3/16-12	7/8	.79
16MJ-12MJ90	7259-09155	1 5/16-12	1	1 1/16-12	1	.79
16MJ-16MJ90	7259-77895	1 5/16-12	1	1 5/16-12	1	.77
20MJ-20MJ90	7259-07095	1 5/8-12	1 1/4	1 5/8-12	1 1/4	1.28
24MJ-24MJ90	7259-07105	1 7/8-12	1 1/2	1 7/8-12	1 1/2	2.08
32MJ-32MJ90	7259-08465	2 1/2-12	2	2 1/2-12	2	4.41

# ADAPTADORES

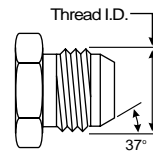
## MACHO JIC - MACHO NPTF



Macho Jic



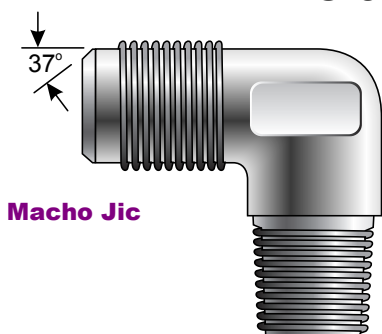
Macho Nptf



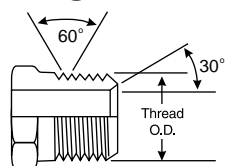
Descr.	Prod. No.	Macho Jic		Macho Nptf		Lbs.
		Rosca	"	Rosca	"	
2MJ-2MP	7259-77935	5/16-24	1/8	1/8-27	1/8	.02
3MJ-2MP	7259-77945	3/8-24	3/16	1/8-27	1/8	.03
4MJ-2MP	7259-10085	7/16-20	1/4	1/8-27	1/8	.04
4MJ-4MP	7259-04195	7/16-20	1/4	1/4-18	1/4	.07
4MJ-6MP	7259-10385	7/16-20	1/4	3/8-18	3/8	.09
4MJ-8MP	7259-70455	7/16-20	1/4	1/2-14	1/2	.12
4MJ-12MP	7259-07215	7/16-20	1/4	3/4-14	3/4	.21
5MJ-2MP	7259-10995	1/2-20	5/16	1/8-27	1/8	.05
5MJ-4MP	7259-10415	1/2-20	5/16	1/4-18	1/4	.09
5MJ-6MP	7259-25665	1/2-20	5/16	3/8-18	3/8	.09
5MJ-8MP	7259-07835	1/2-20	3/8	1/2-14	1/2	.15
6MJ-2MP	7259-10565	9/16-18	3/8	1/8-27	1/8	.06
6MJ-4MP	7259-25635	9/16-18	3/8	1/4-18	1/4	.18
6MJ-6MP	7259-04225	9/16-18	3/8	3/8-18	3/8	.08
6MJ-8MP	7259-10205	9/16-18	3/8	1/2-14	1/2	.14
6MJ-12MP	7259-00425	9/16-18	3/8	3/4-14	3/4	.20
8MJ-2MP	7259-09875	3/4-16	1/2	1/8-27	1/8	.10
8MJ-4MP	7259-10435	3/4-16	1/2	1/4-18	1/4	.10
8MJ-6MP	7259-10105	3/4-16	1/2	3/8-18	3/8	.16
8MJ-8MP	7259-04235	3/4-16	1/2	1/2-14	1/2	.17
8MJ-12MP	7259-10545	3/4-16	1/2	3/4-14	3/4	.26
8MJ-16MP	7259-05835	3/4-16	1/2	1-11 1/2	1	.53
10MJ-4MP	7259-07965	7/8-14	5/8	1/4-18	1/4	.38
10MJ-6MP	7259-10785	7/8-14	5/8	3/8-18	3/8	.18
10MJ-8MP	7259-25715	7/8-14	5/8	1/2-14	1/2	.18
10MJ-12MP	7259-10595	7/8-14	5/8	3/4-14	3/4	.26
12MJ-6MP	7259-07225	1 1/16-12	3/4	3/8-18	3/8	.21
12MJ-8MP	7259-10255	1 1/16-12	3/4	1/2-14	1/2	.30
12MJ-12MP	7259-25735	1 1/16-12	3/4	3/4-14	3/4	.28
12MJ-16MP	7259-10355	1 1/16-12	3/4	1-11 1/2	1	.62
12MJ-20MP	7259-05765	1 1/16-12	3/4	1 1/4-11 1/2	1 1/4	.56
12MJ-24MP	7259-07665	1 1/16-12	3/4	1 1/2-11 1/2	1 1/2	.77
14MJ-12MP	7259-77965	1 3/16-12	7/8	3/4-14	3/4	.32
14MJ-16MP	7259-07975	1 3/16-12	7/8	1-11 1/2	1	.51
16MJ-8MP	7259-06095	1 5/16-12	1	1/2-14	1/2	.36
16MJ-12MP	7259-10485	1 5/16-12	1	3/4-14	3/4	.42
16MJ-16MP	7259-04275	1 5/16-12	1	1-11 1/2	1	.46
16MJ-20MP	7259-34565	1 5/16-12	1	1 1/4-11 1/2	1 1/4	.77
16MJ-24MP	7259-06065	1 5/16-12	1	1 1/2-11 1/2	1 1/2	.80
20MJ-12MP	7259-07675	1 5/8-12	1 1/4	3/4-14	3/4	.60
20MJ-16MP	7259-11465	1 5/8-12	1 1/4	1-11 1/2	1	.79
20MJ-20MP	7259-10465	1 5/8-12	1 1/4	1 1/4-11 1/2	1 1/4	.79
20MJ-24MP	7259-34575	1 5/8-12	1 1/4	1 1/2-11 1/2	1 1/2	.99
24MJ-16MP	7259-07125	1 7/8-12	1 1/2	1-11 1/2	1	1.40
24MJ-20MP	7259-34585	1 7/8-12	1 1/2	1 1/4-11 1/2	1 1/4	.99
24MJ-24MP	7259-11245	1 7/8-12	1 1/2	1 1/2-11 1/2	1 1/2	.89
24MJ-32MP	7259-09375	1 7/8-12	1 1/2	2-11 1/2	2	1.80
32MJ-16MP	7259-09385	2 1/2-12	2	1-11 1/2	1	1.66
32MJ-20MP	7259-09395	2 1/2-12	2	1 1/4-11 1/2	1 1/4	1.78
32MJ-24MP	7259-34595	2 1/2-12	2	1 1/2-11 1/2	1 1/2	1.80
32MJ-32MP	7259-11365	2 1/2-12	2	2-11 1/2	2	1.98

# ADAPTADORES

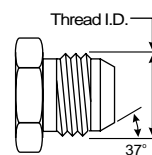
## MACHO JIC - MACHO NPTF - 90°



**Macho Jic**



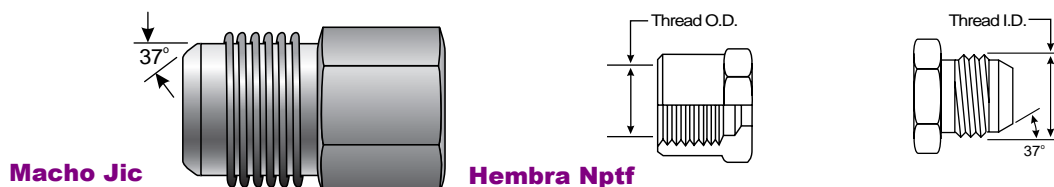
**Macho Nptf**



Descr.	Prod. No.	Macho Jic		Macho Nptf		Lbs.
		Rosca	"	Rosca	"	
2MJ-2MP90	7259-11755	5/16-24	1/8	1/8-27	1/8	.04
3MJ-2MP90	7259-78005	3/8-24	3/16	1/8-27	1/8	.05
4MJ-2MP90	7259-10175	7/16-20	1/4	1/8-27	1/8	.06
4MJ-4MP90	7259-10195	7/16-20	1/4	1/4-18	1/4	.10
4MJ-6MP90	7259-34645	7/16-20	1/4	3/8-18	3/8	.17
4MJ-8MP90	7259-09815	7/16-20	1/4	1/2-14	1/2	.25
4MJ-12MP90	7259-07695	7/16-20	1/4	3/4-14	3/4	.46
5MJ-2MP90	7259-11425	1/2-20	5/16	1/8-27	1/8	.07
5MJ-4MP90	7259-11045	1/2-20	5/16	1/4-18	1/4	.10
5MJ-6MP90	7259-34655	1/2-20	5/16	3/8-18	3/8	.17
6MJ-2MP90	7259-11085	9/16-18	3/8	1/8-27	1/8	.09
6MJ-4MP90	7259-28385	9/16-18	3/8	1/4-18	1/4	.10
6MJ-6MP90	7259-28185	9/16-18	3/8	3/8-18	3/8	.20
6MJ-8MP90	7259-10185	9/16-18	3/8	1/2-14	1/2	.24
6MJ-12MP90	7259-05545	9/16-18	3/8	3/4-14	3/4	.44
8MJ-4MP90	7259-11025	3/4-16	1/2	1/4-18	1/4	.20
8MJ-6MP90	7259-10165	3/4-16	1/2	3/8-18	3/8	.20
8MJ-8MP90	7259-28205	3/4-16	1/2	1/2-14	1/2	.28
8MJ-12MP90	7259-10275	3/4-16	1/2	3/4-14	3/4	.44
8MJ-16MP90	7259-07575	3/4-16	1/2	1-11 1/2	1	.55
10MJ-6MP90	7259-11195	7/8-14	5/8	3/8-18	3/8	.29
10MJ-8MP90	7259-28375	7/8-14	5/8	1/2-14	1/2	.30
10MJ-12MP90	7259-10555	7/8-14	5/8	3/4-14	3/4	.42
10MJ-16MP90	7259-07705	7/8-14	5/8	1-11 1/2	1	.71
12MJ-6MP90	7259-07995	1 1/16-12	3/4	3/8-18	3/8	.46
12MJ-8MP90	7259-10795	1 1/16-12	3/4	1/2-14	1/2	.83
12MJ-12MP90	7259-28395	1 1/16-12	3/4	3/4-14	3/4	.49
12MJ-16MP90	7259-34665	1 1/16-12	3/4	1-11 1/2	1	.75
12MJ-20MP90	7259-06835	1 1/16-12	3/4	1 1/4-11 1/2	1 1/4	1.32
14MJ-8MP90	7259-09445	1 3/16-12	7/8	1/2-14	1/2	.79
14MJ-12MP90	7259-07585	1 3/16-12	7/8	3/4-14	3/4	.72
16MJ-8MP90	7259-09455	1 5/16-12	1	1/2-14	1/2	.84
16MJ-12MP90	7259-11205	1 5/16-12	1	3/4-14	3/4	.84
16MJ-16MP90	7259-28405	1 5/16-12	1	1-11 1/2	1	.74
16MJ-20MP90	7259-34675	1 5/16-12	1	1 1/4-11 1/2	1 1/4	1.22
16MJ-24MP90	7259-07715	1 5/16-12	1	1 1/2-11 1/2	1 1/2	1.71
20MJ-16MP90	7259-11565	1 5/8-12	1 1/4	1-11 1/2	1	1.43
20MJ-20MP90	7259-10905	1 5/8-12	1 1/4	1 1/4-11 1/2	1 1/4	1.30
24MJ-20MP90	7259-34695	1 7/8-12	1 1/2	1 1/4-11 1/2	1 1/4	1.83
24MJ-24MP90	7259-11445	1 7/8-12	1 1/2	1 1/2-11 1/2	1 1/2	1.69
32MJ-24MP90	7259-08335	2 1/2-12	2	1 1/2-11 1/2	1 1/2	4.18
32MJ-32MP90	7259-11685	2 1/2-12	2	2-11 1/2	2	2.98

# ADAPTADORES

## MACHO JIC - HEMBRA NPTF



Descr.	Prod. No.	Macho Jic		Hembra Nptf		Lbs.
		Rosca	"	Rosca	"	
2MJ-2FP	7259-78015	5/16-24	1/8	1/8-27	1/8	.05
3MJ-2FP	7259-08515	3/8-24	3/16	1/8-27	1/8	.04
3MJ-4FP	7259-08525	3/8-24	3/16	1/4-18	1/4	.09
4MJ-2FP	7259-11165	7/16-20	1/4	1/8-27	1/8	.04
4MJ-4FP	7259-10965	7/16-20	1/4	1/4-18	1/4	.09
4MJ-6FP	7259-06915	7/16-20	1/4	3/8-18	3/8	.20
4MJ-8FP	7259-09475	7/16-20	1/4	1/2-14	1/2	.37
5MJ-2FP	7259-11665	1/2-20	5/16	1/8-27	1/8	.04
5MJ-4FP	7259-11615	1/2-20	5/16	1/4-18	1/4	.09
6MJ-2FP	7259-09485	9/16-18	3/8	1/8-27	1/8	.07
6MJ-4FP	7259-10515	9/16-18	3/8	1/4-18	1/4	.11
6MJ-6FP	7259-10685	9/16-18	3/8	3/8-18	3/8	.13
6MJ-8FP	7259-34715	9/16-18	3/8	1/2-14	1/2	.26
8MJ-4FP	7259-09495	3/4-16	1/2	1/4-18	1/4	.14
8MJ-6FP	7259-10945	3/4-16	1/2	3/8-18	3/8	.14
8MJ-8FP	7259-10605	3/4-16	1/2	1 7/8-12	1/2	.26
8MJ-12FP	7259-34725	3/4-16	1/2	3/4-14	3/4	.56
10MJ-6FP	7259-34735	7/8-14	5/8	3/8-18	3/8	.23
10MJ-8FP	7259-10805	7/8-14	5/8	1/2-14	1/2	.28
10MJ-12FP	7259-34745	7/8-14	5/8	3/4-14	3/4	.41
12MJ-8FP	7259-34755	1 1/16-12	3/4	1/2-14	1/2	.33
12MJ-12FP	7259-10675	1 1/16-12	3/4	3/4-14	3/4	.40
12MJ-16FP	7259-06655	1 1/16-12	3/4	1-11 1/2	1	1.05
14MJ-12FP	7259-08345	1 3/16-12	7/8	3/4-14	3/4	.46
16MJ-12FP	7259-07005	1 5/16-12	1	3/4-14	3/4	.45
16MJ-16FP	7259-10985	1 5/16-12	1	1-11 1/2	1	.72
16MJ-20FP	7259-34765	1 5/16-12	1	1 1/4-11 1/2	1 1/4	.72
20MJ-16FP	7259-08535	1 5/8-12	1 1/4	1-11 1/2	1	.78
20MJ-20FP	7259-25925	1 5/8-12	1 1/4	1 1/4-11 1/2	1 1/4	.99
24MJ-24FP	7259-25935	1 7/8-12	1 1/2	1 1/2-11 1/2	1 1/2	1.44
32MJ-32FP	7259-34775	2 1/2-12	2	2-11 1/2	2	2.65

# ADAPTADORES

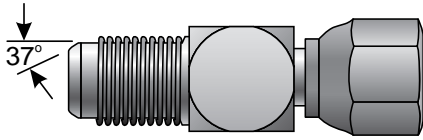
## MACHO JIC - HEMBRA NPTF - 90°



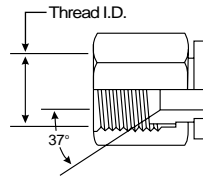
Descr.	Prod. No.	Macho Jic		Hembra Nptf		Lbs.
		Rosca	"	Rosca	"	
4MJ-2FP90	7259-25105	7/16-20	1/4	1/8-27	1/8	.08
4MJ-4FP90	7259-34785	7/16-20	1/4	1/4-18	1/4	.17
5MJ-2FP90	7259-07365	1/2-20	5/16	1/8-27	1/8	.08
5MJ-4FP90	7259-34805	1/2-20	5/16	1/4-18	1/4	.17
6MJ-2FP90	7259-09505	9/16-18	3/8	1/8-27	1/8	.09
6MJ-4FP90	7259-25115	9/16-18	3/8	1/4-18	1/4	.26
6MJ-6FP90	7259-34825	9/16-18	3/8	3/8-18	3/8	.25
6MJ-8FP90	7259-00405	9/16-18	3/8	1/2-14	1/2	.40
8MJ-4FP90	7259-09515	3/4-16	1/2	1/4-18	1/4	.32
8MJ-6FP90	7259-25125	3/4-16	1/2	3/8-18	3/8	.25
8MJ-8FP90	7259-34835	3/4-16	1/2	1/2-14	1/2	.39
10MJ-8FP90	7259-25135	7/8-14	5/8	1/2-14	1/2	.41
12MJ-8FP90	7259-34845	1 1/16-12	3/4	1/2-14	1/2	.86
12MJ-12FP90	7259-25145	1 1/16-12	3/4	3/4-14	3/4	.72
14MJ-12FP90	7259-09525	1 3/16-12	7/8	3/4-14	3/4	.72
16MJ-16FP90	7259-25155	1 5/16-12	1	1-11 1/2	1	1.40
20MJ-20FP90	7259-34855	1 5/8-12	1 1/4	1 1/4-11 1/2	1 1/4	1.55
24MJ-24FP90	7259-07725	1 7/8-12	1 1/2	1 1/2-11 1/2	1 1/2	4.13

# ADAPTADORES

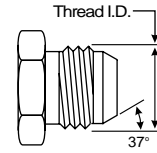
## MACHO JIC - HEMBRA JIC FIJA



**Macho Jic**

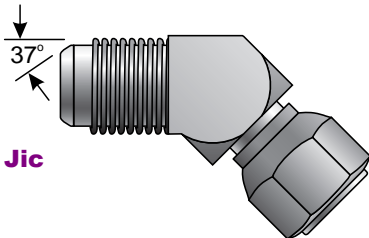


**< Ya VfU Jic**

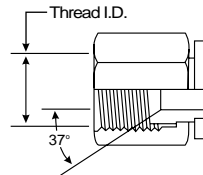


Descr.	Prod. No.	Macho Jic		< Ya VfU Jic		Lbs.
		Rosca	"	Rosca	"	
4MJ-6FJ	7259-33865	7/16-20	1/4	9/16-18	3/8	.06
5MJ-4FJ	7259-07445	1/2-20	5/16	7/16-20	1/4	.04
5MJ-6FJ	7259-09175	1/2-20	5/16	9/16-18	3/8	.06
6MJ-4FJ	7259-00015	9/16-18	3/8	7/16-20	1/4	.06
6MJ-6FJ	7259-09195	9/16-18	3/8	9/16-18	3/8	.05
6MJ-8FJ	7259-33875	9/16-18	3/8	3/4-16	1/2	.12
6MJ-10FJ	7259-33885	9/16-18	3/8	7/8-14	5/8	.13
8MJ-4FJ	7259-00935	3/4-16	1/2	7/16-20	1/4	.12
8MJ-8FJ	7259-06135	3/4-16	1/2	3/4-16	1/2	.20
8MJ-10FJ	7253-33895	3/4-16	1/2	7/8-14	5/8	.14
8MJ-12FJ	7259-33905	3/4-16	1/2	3/4-16	3/4	.32
10MJ-4FJ	7259-05915	7/8-14	5/8	7/16-20	1/4	.13
10MJ-6FJ	7259-05375	7/8-14	5/8	9/16-18	3/8	.13
10MJ-8FJ	7259-00705	7/8-14	5/8	3/4-16	1/2	.15
10MJ-12FJ	7259-33915	7/8-14	5/8	1 1/16-12	3/4	.30
10MJ-16FJ	7259-33925	7/8-14	5/8	1 5/16-12	1	.38
12MJ-4FJ	7259-05235	1 1/16-12	3/4	7/16-20	1/4	.13
12MJ-6FJ	7259-00145	1 1/16-12	3/4	9/16-18	3/8	.20
12MJ-8FJ	7259-00115	1 1/16-12	3/4	3/4-16	1/2	.23
12MJ-12FJ	7259-09205	1 1/16-12	3/4	1 1/16-12	3/4	.30
12MJ-16FJ	7253-33935	1 1/16-12	3/4	1 5/16-12	1	.35
12MJ-20FJ	7253-33945	1 1/16-12	3/4	1 5/8-12	1 1/4	.76
16MJ-16FJ	7259-09215	1 5/16-12	1	1 5/16-12	1	.39
16MJ-20FJ	7259-33955	1 5/16-12	1	1 5/8-12	1 1/4	.75
20MJ-16FJ	7259-05085	1 5/8-12	1 1/4	1 5/16-12	1	.72

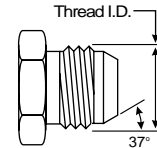
## MACHO JIC - HEMBRA JIC GIRATORIA - 45°



**Macho Jic**



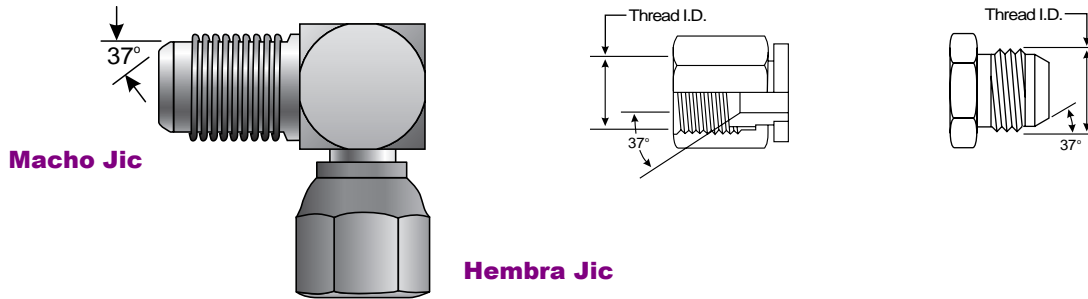
**Hembra Jic**



Descr.	Prod. No.	Macho Jic		Hembra Jic		Lbs.
		Rosca	"	Rosca	"	
4MJ-4FJX45	7259-23215	7/16-20	1/4	7/16-20	1/4	.06
5MJ-5FJX45	7259-33965	1/2-20	5/16	1/2-20	5/16	.08
6MJ-6FJX45	7259-23225	9/16-18	3/8	9/16-18	3/8	.10
8MJ-8FJX45	7259-23235	3/4-16	1/2	3/4-16	1/2	.19
10MJ-10FJX45	7259-23245	7/8-14	5/8	7/8-14	5/8	.26
12MJ-12FJX45	7259-23255	1 1/16-12	3/4	1 1/16-12	3/4	.67
14MJ-14FJX45	7259-06995	1 3/16-12	7/8	1 3/16-12	7/8	.69
16MJ-16FJX45	7259-23265	1 5/16-12	1	1 5/16-12	1	.66
20MJ-20FJX45	7259-23275	1 5/8-12	1 1/4	1 5/8-12	1 1/4	1.61
24MJ-24FJX45	7259-05455	1 7/8-12	1 1/2	1 7/8-12	1 1/2	1.87
32MJ-32FJX45	7259-07935	2 1/2-12	2	2 1/2-12	2	6.62

# ADAPTADORES

## MACHO JIC - HEMBRA JIC GIRATORIA - 90°

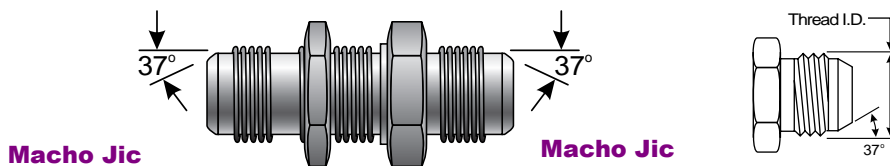


Macho Jic

Hembra Jic

Descr.	Prod. No.	Macho Jic		Hembra Jic		Lbs.
		Rosca	"	Rosca	"	
4MJ-4FJX90	7259-23285	7/16-20	1/4	7/16-20	1/4	.07
5MJ-5FJX90	7259-24025	1/2-20	5/16	1/2-20	5/16	.09
6MJ-4FJX90	7259-06905	9/16-18	3/8	7/16-20	3/8	.11
6MJ-6FJX90	7259-23295	9/16-18	3/8	9/16-18	3/8	.13
8MJ-6FJX90	7259-06205	3/4-16	1/2	9/16-18	1/2	.20
8MJ-8FJX90	7259-23305	3/4-16	1/2	3/4-16	1/2	.25
8MJ-10FJX90	7259-06385	3/4-16	1/2	3/4-16	1/2	.35
10MJ-10FJX90	7259-23315	7/8-14	5/8	7/8-14	5/8	.35
12MJ-12FJX90	7259-23325	1 1/16-12	3/4	1 1/16-12	3/4	.51
14MJ-14FJX90	7259-06215	1 3/16-12	7/8	1 3/16-12	7/8	.79
16MJ-16FJX90	7259-23335	1 5/16-12	1	1 5/16-12	1	.85
20MJ-20FJX90	7259-24075	1 5/8-12	1 1/4	1 5/8-12	1 1/4	1.50
24MJ-24FJX90	7259-24085	1 7/8-12	1 1/2	1 7/8-12	1 1/2	1.87
32MJ-32FJX90	7259-24095	2 1/2-12	2	2 1/2-12	2	4.72

## MACHO JIC - MACHO JIC PASAMURO



Macho Jic

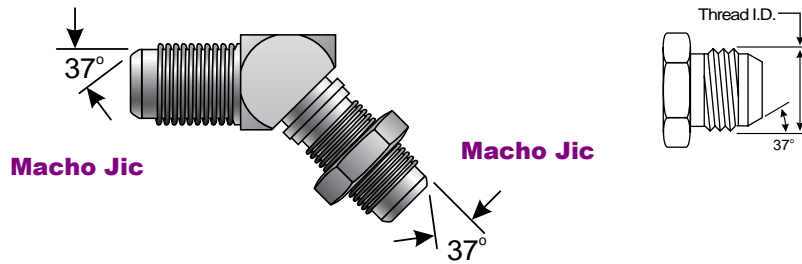
Macho Jic

Descr.	Prod. No.	Rosca	Macho Jic	Lbs.
			"	
3MJ-3BKHD	7259-09295	3/8-24	3/16	.05
4MJ-4BKHD	7259-24505	7/16-20	1/4	.09
5MJ-5BKHD	7259-24515	1/2-20	5/16	.16
6MJ-6BKHD	7259-24525	9/16-18	3/8	.11
8MJ-8BKHD	7259-24535	3/4-16	1/2	.21
10MJ-10BKHD	7259-24545	7/8-14	5/8	.31
12MJ-12BKHD	7259-24555	1 1/16-12	3/4	.51
14MJ-14BKHD	7259-08495	1 3/16-12	7/8	.79
16MJ-16BKHD	7259-24565	1 5/16-12	1	.67
20MJ-20BKHD	7259-34155	1 5/8-12	1 1/4	1.32
24MJ-24BKHD	7259-34165	1 7/8-12	1 1/2	1.35



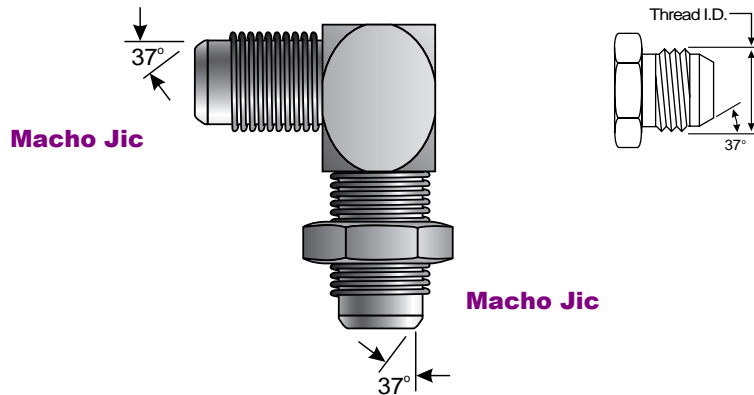
# ADAPTADORES

## MACHO JIC - MACHO JIC PASAMURO - 45°



Descr.	Prod. No.	Rosca	Macho Jic	Lbs.
4MJ-4BKHD45	7259-34175	7/16-20	1/4	.08
5MJ-5BKHD45	7259-34185	1/2-20	5/16	.10
6MJ-6BKHD45	7259-34195	9/16-18	3/8	.10
8MJ-8BKHD45	7259-34205	3/4-16	1/2	.23
10MJ-10BKHD45	7259-34215	7/8-14	5/8	.34
12MJ-12BKHD45	7259-34225	1 1/16-12	3/4	.56
16MJ-16BKHD45	7259-34235	1 5/16-12	1	.83

## MACHO JIC - MACHO JIC PASAMURO - 90°



Descr.	Prod. No.	Rosca	Macho Jic	Lbs.
4MJ-4BKHD90	7259-34255	7/16-20	1/4	.09
5MJ-5BKHD90	7259-34265	1/2-20	5/16	.13
6MJ-6BKHD90	7259-34275	9/16-18	3/8	.14
8MJ-8BKHD90	7259-34285	3/4-16	1/2	.30
10MJ-10BKHD90	7259-34295	7/8-14	5/8	.42
12MJ-12BKHD90	7259-34305	1 1/16-12	3/4	.75
14MJ-14BKHD90	7259-09315	1 3/16-12	7/8	1.05
16MJ-16BKHD90	7259-34315	1 5/16-12	1	1.01
20MJ-20BKHD90	7259-34325	1 5/8-12	1 1/4	1.75
24MJ-24BKHD90	7259-09325	1 7/8-12	1 1/2	2.65

# ADAPTADORES

## MACHO JIC PASAMURO - MACHO NPTF



Descr.	Prod. No.	Macho Jic		Macho Nptf		Lbs.
		Rosca	"	Rosca	"	
4MJBKHD-2MP	7259-09945	7/16-20	1/4	1/8-27	1/4	.09
4MJBKHD-4MP	7259-35155	7/16-20	1/4	1/4-18	1/4	.10
6MJBKHD-4MP	7259-35165	9/16-18	3/8	1/4-18	3/8	.14
8MJBKHD-6MP	7259-35175	3/4-16	1/2	3/8-18	1/2	.24
8MJBKHD-8MP	7259-09905	3/4-16	1/2	1/2-14	1/2	.29
10MJBKHD-8MP	7259-35185	7/8-14	5/8	1/2-14	5/8	.35
12MJBKHD-8MP	7259-35275	1 1/16-12	3/4	1/2-14	3/4	.42
12MJBKHD-12MP	7259-35195	1 1/16-12	3/4	3/4-14	3/4	.60
16MJBKHD-16MP	7253-35205	1 5/16-12	1	1-11 1/2	1	.80
20MJBKHD-20MP	7259-09965	1 5/8-12	1 1/4	1 1/4-11 1/2	1 1/4	.93

## MACHO NPTF - MACHO NPTF

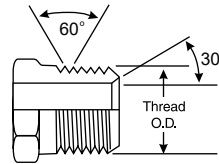
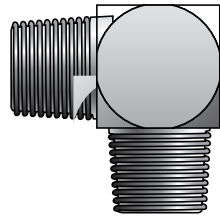


Descr.	Prod. No.	Macho Nptf		Macho Nptf		Lbs.
		"	"	"	"	
2MP-2MP	7259-23695	1/8-27	1/8	1/8-27	1/8	.02
4MP-2MP	7259-23705	1/4-18	1/4	1/8-27	1/4	.05
4MP-4MP	7259-23715	1/4-18	1/4	1/4-18	1/4	.10
6MP-4MP	7259-23725	3/8-18	3/8	1/4-18	3/8	.10
6MP-6MP	7259-23735	3/8-18	3/8	3/8-18	3/8	.09
8MP-4MP	7259-23745	1/2-14	1/2	1/4-18	1/2	.14
8MP-6MP	7259-23755	1/2-14	1/2	3/8-18	1/2	.13
8MP-8MP	7259-23765	1/2-14	1/2	1/2-14	1/2	.15
12MP-4MP	7259-07405	3/4-14	3/4	1/4-18	3/4	.22
12MP-6MP	7259-06395	3/4-14	3/4	3/8-18	3/4	.22
12MP-8MP	7259-23775	3/4-14	3/4	1/2-14	3/4	.28
12MP-12MP	7259-23785	3/4-14	3/4	3/4-14	3/4	.28
16MP-6MP	7259-07325	1-11 1/2	1	3/8-18	1	.28
16MP-8MP	7259-06235	1-11 1/2	1	1/2-14	1	.50
16MP-12MP	7259-23795	1-11 1/2	1	3/4-14	1	.36
16MP-16MP	7259-23805	1-11 1/2	1	1-11 1/2	1	.50
20MP-12MP	7259-08015	1 1/4-11 1/2	1 1/4	3/4-14	1 1/4	.57
20MP-16MP	7259-05875	1 1/4-11 1/2	1 1/4	1-11 1/2	1 1/4	.61
20MP-20MP	7259-23815	1 1/4-11 1/2	1 1/4	1 1/4-11 1/2	1 1/4	.62
24MP-12MP	7259-08545	1 1/2-11 1/2	1 1/2	3/4-14	1 1/2	.73
24MP-16MP	7259-08025	1 1/2-11 1/2	1 1/2	1-11 1/2	1 1/2	.73
24MP-20MP	7259-08125	1 1/2-11 1/2	1 1/2	1 1/4-11 1/2	1 1/2	1.32
24MP-24MP	7259-23825	1 1/2-11 1/2	1 1/2	1 1/2-11 1/2	1 1/2	.99
32MP-24MP	7259-08555	2-11 1/2	2	1 1/2-11 1/2	2	1.59
32MP-32MP	7259-23835	2-11 1/2	2	2-11 1/2	2	1.26

# ADAPTADORES

## MACHO NPTF - MACHO NPTF -90°

Macho Nptf

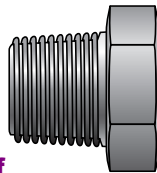


Macho Nptf

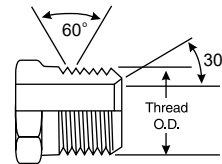
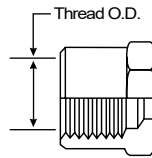
Descr.	Prod. No.	Macho Nptf		Macho Nptf		Lbs.
		Rosca	"	Rosca	"	
2MP-2MP90	7259-25205	1/8-27	1/8	1/8-27	1/8	.06
4MP-4MP90	7259-25215	1/4-18	1/4	1/4-18	1/4	.10
6MP-4MP90	7259-70755	3/8-18	3/8	1/4-18	1/4	.17
6MP-6MP90	7259-25225	3/8-18	3/8	3/8-18	3/8	.18
8MP-4MP90	7259-08565	1/2-14	1/2	1/4-18	1/4	.26
8MP-6MP90	7259-70855	1/2-14	1/2	3/8-18	3/8	.26
8MP-8MP90	7259-25235	1/2-14	1/2	1/2-14	1/2	.28
12MP-8MP90	7259-05725	3/4-14	3/4	1/2-14	1/2	.43
12MP-12MP90	7259-25245	3/4-14	3/4	3/4-14	3/4	.46
16MP-12MP90	7259-09835	1-11 1/2	1	3/4-14	3/4	.73
16MP-16MP90	7259-25255	1-11 1/2	1	1-11 1/2	1	1.15
20MP-20MP90	7259-08575	1 1/4-11 1/2	1 1/4	1 1/4-11 1/2	1 1/4	1.26
24MP-24MP90	7259-07155	1 1/2-11 1/2	1 1/2	1 1/2-11 1/2	1 1/2	3.85

## MACHO NPTF - HEMBRA NPTF (BUSHING CORTO)

Macho Nptf



Hembra Nptf

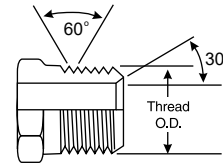
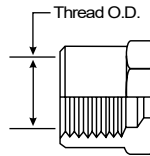
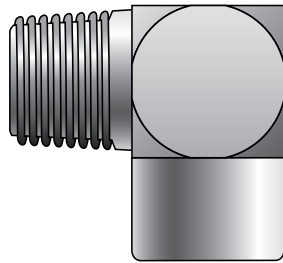


Descr.	Prod. No.	"		"		Lbs.
		Rosca	"	Rosca	"	
4MP-2FPS	7259-22595	1/4-18	1/4	1/8-27	1/8	.04
6MP-2FPS	7259-22605	3/8-18	3/8	1/8-27	1/8	.07
6MP-4FPS	7259-22615	3/8-18	3/8	1/4-18	1/4	.07
8MP-2FPS	7259-05815	1/2-14	1/2	1/8-27	1/8	.12
8MP-4FPS	7259-22635	1/2-14	1/2	1/4-18	1/4	.10
8MP-6FPS	7259-22645	1/2-14	1/2	3/8-18	3/8	.10
12MP-2FPS	7259-07335	3/4-14	3/4	1/8-27	1/8	.20
12MP-4FPS	7259-22665	3/4-14	3/4	1/4-18	1/4	.70
12MP-6FPS	7259-22675	3/4-14	3/4	3/8-18	3/8	.21
12MP-8FPS	7259-22685	3/4-14	3/4	1/2-14	1/2	.16
16MP-2FPS	7259-08585	1-11 1/2	1	1/8-27	1/8	.36
16MP-4FPS	7259-05355	1-11 1/2	1	1/4-18	1/4	.39
16MP-6FPS	7259-06665	1-11 1/2	1	3/8-18	3/8	.33
16MP-8FPS	7259-22725	1-11 1/2	1	1/2-14	1/2	.31
16MP-12FPS	7259-22735	1-11 1/2	1	3/4-14	3/4	.32
20MP-4FPS	7259-07475	1 1/4-11 1/2	1 1/4	1/4-18	1/4	.64
20MP-8FPS	7259-05525	1 1/4-11 1/2	1 1/4	1/2-14	1/2	.57
20MP-12FPS	7259-22755	1 1/4-11 1/2	1 1/4	3/4-14	3/4	.57
20MP-16FPS	7259-22765	1 1/4-11 1/2	1 1/4	1-11 1/2	1	.45
24MP-12FPS	7259-22785	1 1/2-11 1/2	1 1/2	3/4-14	3/4	.77
24MP-16FPS	7259-22795	1 1/2-11 1/2	1 1/2	1-11 1/2	1	.69
24MP-20FPS	7259-22805	1 1/2-11 1/2	1 1/2	1 1/4-11 1/2	1 1/4	.45
32MP-20FPS	7259-05425	2-11 1/2	2	1 1/4-11 1/2	1 1/4	1.20
32MP-24FPS	7259-32825	2-11 1/2	2	1 1/2-11 1/2	1 1/2	1.00

# ADAPTADORES

## MACHO NPTF - HEMBRA NPTF - 90°

**Macho Nptf**



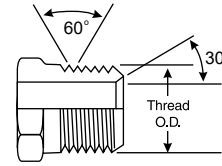
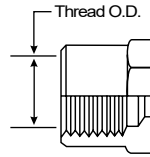
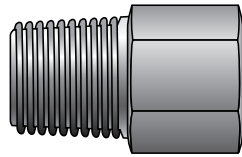
**Hembra Nptf**

Descr.	Prod. No.	Macho Nptf		Hembra Nptf		Lbs.
		"	"	"	"	
2MP-2FP90	7259-24105	1/8-27	<b>1/8</b>	1/8-27	<b>1/8</b>	.07
2MP-4FP90	7259-32835	1/8-27	<b>1/8</b>	1/4-18	<b>1/4</b>	.17
4MP-2FP90	7259-32845	1/4-18	<b>1/4</b>	1/8-27	<b>1/8</b>	.16
4MP-4FP90	7259-24115	1/4-18	<b>1/4</b>	1/4-18	<b>1/4</b>	.15
4MP-6FP90	7259-32855	1/4-18	<b>1/4</b>	3/8-18	<b>3/8</b>	.22
6MP-4FP90	7259-32865	3/8-18	<b>3/8</b>	1/4-18	<b>1/4</b>	.25
6MP-6FP90	7259-24125	3/8-18	<b>3/8</b>	3/8-18	<b>3/8</b>	.25
6MP-8FP90	7259-32875	3/8-18	<b>3/8</b>	1/2-14	<b>1/2</b>	.35
8MP-4FP90	7259-08655	1/2-14	<b>1/2</b>	1/4-18	<b>1/4</b>	.26
8MP-6FP90	7259-32885	1/2-14	<b>1/2</b>	3/8-18	<b>3/8</b>	.31
8MP-8FP90	7259-24135	1/2-14	<b>1/2</b>	1/2-14	<b>1/2</b>	.45
8MP-12FP90	7259-32895	1/2-14	<b>1/2</b>	3/4-14	<b>3/4</b>	.57
12MP-8FP90	7259-32905	3/4-14	<b>3/4</b>	1/2-14	<b>1/2</b>	.40
12MP-12FP90	7259-24145	3/4-14	<b>3/4</b>	3/4-14	<b>3/4</b>	.70
12MP-16FP90	7259-08375	3/4-14	<b>3/4</b>	1-11 1/2	<b>1</b>	1.03
16MP-12FP90	7259-08155	1-11 1/2	<b>1</b>	3/4-14	<b>3/4</b>	1.11
16MP-16FP90	7259-24155	1-11 1/2	<b>1</b>	1-11 1/2	<b>1</b>	1.13
20MP-16FP90	7259-08665	1 1/4-11 1/2	<b>1 1/4</b>	1-11 1/2	<b>1</b>	1.12
20MP-20FP90	7259-24165	1 1/4-11 1/2	<b>1 1/4</b>	1 1/4-11 1/2	<b>1 1/4</b>	1.68
24MP-24FP90	7259-24175	1 1/2-11 1/2	<b>1 1/2</b>	1 1/2-11 1/2	<b>1 1/2</b>	3.66
32MP-32FP90	7259-24185	2-11 1/2	<b>2</b>	2-11 1/2	<b>2</b>	4.45

# ADAPTADORES

## MACHO NPTF - HEMBRA NPTF (BUSHING LARGO)

**Macho Nptf**

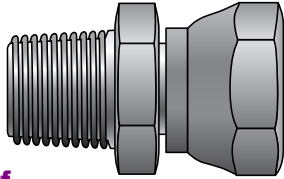


**Hembra Nptf**

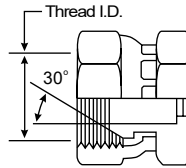
Descr.	Prod. No.	Macho Nptf		Hembra Nptf		Lbs.
		"	"	"	"	
2MP-4FPL	7259-25365	1/8-27	<b>1/8</b>	1/4-18	<b>1/4</b>	.08
2MP-6FPL	7259-08365	1/8-27	<b>1/8</b>	3/8-18	<b>3/8</b>	.12
4MP-2FPL	7259-08615	1/4-18	<b>1/4</b>	1/8-27	<b>1/8</b>	.07
4MP-4FPL	7259-00475	1/4-18	<b>1/4</b>	1/4-18	<b>1/4</b>	.09
4MP-6FPL	7259-25385	1/4-18	<b>1/4</b>	3/8-18	<b>3/8</b>	.13
4MP-8FPL	7259-05515	1/4-18	<b>1/4</b>	1/2-14	<b>1/2</b>	.26
6MP-4FPL	7259-05025	3/8-18	<b>3/8</b>	1/4-18	<b>1/4</b>	.11
6MP-6FPL	7259-00535	3/8-18	<b>3/8</b>	3/8-18	<b>3/8</b>	.12
6MP-8FPL	7259-25415	3/8-18	<b>3/8</b>	1/2-14	<b>1/2</b>	.26
8MP-8FPL	7259-05175	1/2-14	<b>1/2</b>	1/2-14	<b>1/2</b>	.28
8MP-12FPL	7259-25435	1/2-14	<b>1/2</b>	3/4-14	<b>3/4</b>	.36
8MP-16FPL	7259-07755	1/2-14	<b>1/2</b>	1-11 1/2	<b>1</b>	.57
12MP-8FPL	7259-00315	3/4-14	<b>3/4</b>	1/2-14	<b>1/2</b>	.30
12MP-12FPL	7259-06545	3/4-14	<b>3/4</b>	3/4-14	<b>3/4</b>	.40
12MP-16FPL	7259-25455	3/4-14	<b>3/4</b>	1-11 1/2	<b>1</b>	.66
16MP-12FPL	7259-05735	1-11 1/2	<b>1</b>	3/4-14	<b>3/4</b>	.52
16MP-16FPL	7259-08635	1-11 1/2	<b>1</b>	1-11 1/2	<b>1</b>	.76
16MP-20FPL	7259-25475	1-11 1/2	<b>1</b>	1 1/4-11 1/2	<b>1 1/4</b>	1.05
16MP-24FPL	7259-08645	1-11 1/2	<b>1</b>	1 1/2-11 1/2	<b>1 1/2</b>	1.25
20MP-20FPL	7259-07345	1 1/4-11 1/2	<b>1 1/4</b>	1 1/4-11 1/2	<b>1 1/4</b>	.95
20MP-24FPL	7259-25495	1 1/4-11 1/2	<b>1 1/4</b>	1 1/2-11 1/2	<b>1 1/2</b>	1.29
24MP-32FPL	7259-07765	1 1/2-11 1/2	<b>1 1/2</b>	2-11 1/2	<b>2</b>	1.82

# ADAPTADORES

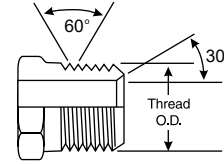
## MACHO NPTF - HEMBRA NPSM GIRATORIA



Macho Nptf



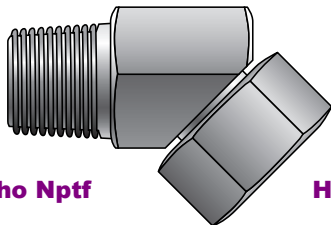
Hembra Npsm



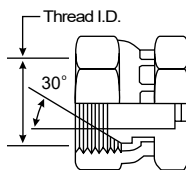
Descr.	Prod. No.	Macho Nptf		Hembra Npsm		Lbs.
		"	"	"	"	
2MP-2FPX	7259-00735	1/8-27	1/8	1/8-27	1/8	.07
2MP-4FPX	7259-10635	1/8-27	1/8	1/4-18	1/4	.08
4MP-2FPX	7259-05095	1/4-18	1/4	1/8-27	1/8	.08
4MP-4FPX	7259-00775	1/4-18	1/4	1/4-18	1/4	.09
4MP-6FPX	7259-10455	1/4-18	1/4	3/8-18	3/8	.12
4MP-8FPX	7259-07355	1/4-18	1/4	1/2-14	1/2	.14
6MP-4FPX	7259-10625	3/8-18	3/8	1/4-18	1/4	.12
6MP-6FPX	7259-00815	3/8-18	3/8	3/8-18	3/8	.16
6MP-8FPX	7259-10375	3/8-18	3/8	1/2-14	1/2	.19
8MP-6FPX	7259-10365	1/2-14	1/2	3/8-18	3/8	.22
8MP-8FPX	7259-00895	1/2-14	1/2	1/2-14	1/2	.24
8MP-12FPX	7259-10865	1/2-14	1/2	3/4-14	3/4	.33
12MP-6FPX	7259-06345	3/4-14	3/4	3/8-18	3/8	.26
12MP-8FPX	7259-10645	3/4-14	3/4	1/2-14	1/2	.30
12MP-12FPX	7259-00255	3/4-14	3/4	3/4-14	3/4	.35
12MP-16FPX	7259-32935	3/4-14	3/4	1-11 1/2	1	.49
12MP-20FPX	7259-08675	3/4-14	3/4	1 1/4-11 1/2	1 1/4	.77
16MP-12FPX	7259-10935	1-11 1/2	1	3/4-14	3/4	.49
16MP-16FPX	7259-00275	1-11 1/2	1	1-11 1/2	1	.50
16MP-20FPX	7259-11285	1-11 1/2	1	1 1/4-11 1/2	1 1/4	.93
20MP-16FPX	7259-05595	1 1/4-11 1/2	1 1/4	1-11 1/2	1	.88
20MP-20FPX	7259-10745	1 1/4-11 1/2	1 1/4	1 1/4-11 1/2	1 1/4	1.08
20MP-24FPX	7259-06375	1 1/4-11 1/2	1 1/4	1 1/2-11 1/2	1 1/2	1.08
24MP-20FPX	7259-06305	1 1/2-11 1/2	1 1/2	1 1/4-11 1/2	1 1/4	1.14
24MP-24FPX	7259-11345	1 1/2-11 1/2	1 1/2	1 1/2-11 1/2	1 1/2	1.17
32MP-32FPX	7259-11435	2-11 1/2	2	2-11 1/2	2	1.70

# ADAPTADORES

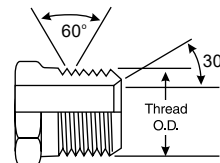
## MACHO NPTF - HEMBRA NPSM GIRATORIA - 45°



**Macho Nptf**



**Hembra Npsm**

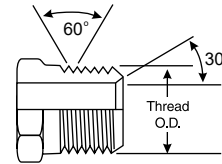
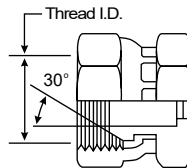
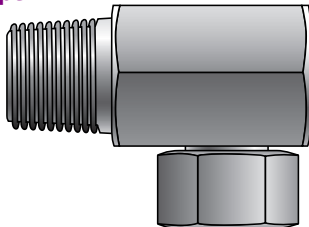


Descr.	Prod. No.	Macho Nptf		Hembra Npsm		Lbs.
		"	"	"	"	
2MP-2FPX45	7259-32945	1/8-27	<b>1/8</b>	1/8-27	<b>1/8</b>	.07
2MP-4FPX45	7259-00505	1/8-27	<b>1/8</b>	1/4-18	<b>1/4</b>	.09
4MP-2FPX45	7259-05985	1/4-18	<b>1/4</b>	1/8-27	<b>1/8</b>	.08
4MP-4FPX45	7259-02115	1/4-18	<b>1/4</b>	1/4-18	<b>1/4</b>	.09
4MP-6FPX45	7259-05265	1/4-18	<b>1/4</b>	3/8-18	<b>3/8</b>	.19
6MP-4FPX45	7259-05555	3/8-18	<b>3/8</b>	1/4-18	<b>1/4</b>	.14
6MP-6FPX45	7259-02155	3/8-18	<b>3/8</b>	3/8-18	<b>3/8</b>	.18
6MP-8FPX45	7259-32955	3/8-18	<b>3/8</b>	1/2-14	<b>1/2</b>	.23
8MP-4FPX45	7259-06465	1/2-14	<b>1/2</b>	1/4-18	<b>1/4</b>	.21
8MP-6FPX45	7259-32965	1/2-14	<b>1/2</b>	3/8-18	<b>3/8</b>	.23
8MP-8FPX45	7259-02125	1/2-14	<b>1/2</b>	1/2-14	<b>1/2</b>	.25
8MP-12FPX45	7259-06115	1/2-14	<b>1/2</b>	3/4-14	<b>3/4</b>	.39
12MP-8FPX45	7259-11535	3/4-14	<b>3/4</b>	1/2-14	<b>1/2</b>	.32
12MP-12FPX45	7259-02235	3/4-14	<b>3/4</b>	3/4-14	<b>3/4</b>	.37
12MP-16FPX45	7259-06125	3/4-14	<b>3/4</b>	1-11 1/2	<b>1</b>	.68
16MP-12FPX45	7259-11625	1-11 1/2	<b>1</b>	3/4-14	<b>3/4</b>	.66
16MP-16FPX45	7259-10765	1-11 1/2	<b>1</b>	1-11 1/2	<b>1</b>	.60
16MP-20FPX45	7259-07855	1-11 1/2	<b>1</b>	1 1/4-11 1/2	<b>1 1/4</b>	1.01
20MP-16FPX45	7259-06685	1 1/4-11 1/2	<b>1 1/4</b>	1-11 1/2	<b>1</b>	.99
20MP-20FPX45	7259-11355	1 1/4-11 1/2	<b>1 1/4</b>	1 1/4-11 1/2	<b>1 1/4</b>	.99
24MP-24FPX45	7259-11745	1 1/2-11 1/2	<b>1 1/2</b>	1 1/2-11 1/2	<b>1 1/2</b>	1.40
32MP-32FPX45	7259-32975	2-11 1/2	<b>2</b>	2-11 1/2	<b>2</b>	2.37

# ADAPTADORES

## MACHO NPTF - HEMBRA NPSM GIRATORIA - 90°

Macho Nptf



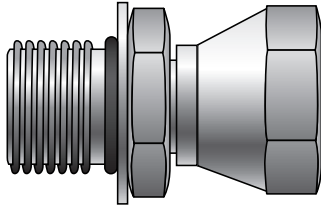
Hembra Npsm

Descr.	Prod. No.	Hembra Npsm				
		"	"	"	"	Lbs.
2MP-2FPX90	7259-08305	1/8-27	1/8	1/8-27	1/8	.06
2MP-4FPX90	7259-00415	1/8-27	1/8	1/4-18	1/4	.14
4MP-2FPX90	7259-05565	1/4-18	1/4	1/8-27	1/8	.11
4MP-4FPX90	7259-02135	1/4-18	1/4	1/4-18	1/4	.14
4MP-6FPX90	7259-10705	1/4-18	1/4	3/8-18	3/8	.22
4MP-8FPX90	7259-08685	1/4-18	1/4	1/2-14	1/2	.33
6MP-4FPX90	7259-10525	3/8-18	3/8	1/4-18	1/4	.20
6MP-6FPX90	7259-02165	3/8-18	3/8	3/8-18	3/8	.21
6MP-8FPX90	7259-10325	3/8-18	3/8	1/2-14	1/2	.02
8MP-4FPX90	7259-11175	1/2-14	1/2	1/4-18	1/4	.28
8MP-6FPX90	7259-10265	1/2-14	1/2	3/8-18	3/8	.29
8MP-8FPX90	7259-02205	1/2-14	1/2	1/2-14	1/2	.33
8MP-12FPX90	7259-11075	1/2-14	1/2	3/4-14	3/4	.49
12MP-6FPX90	7259-06045	3/4-14	3/4	3/8-18	3/8	.49
12MP-8FPX90	7259-02245	3/4-14	3/4	1/2-14	1/2	.50
12MP-12FPX90	7259-02265	3/4-14	3/4	3/4-14	3/4	.55
12MP-16FPX90	7259-05195	3/4-14	3/4	1-11 1/2	1	.77
12MP-20FPX90	7259-08705	3/4-14	3/4	3/4-14	1 1/4	1.98
16MP-8FPX90	7259-06775	1-11 1/2	1	1/2-14	1/2	.77
16MP-12FPX90	7259-11275	1-11 1/2	1	3/4-14	3/4	.77
16MP-16FPX90	7259-10335	1-11 1/2	1	1-11 1/2	1	.82
16MP-20FPX90	7259-11475	1-11 1/2	1	1 1/4-11 1/2	1 1/4	1.57
20MP-12FPX90	7259-08165	1 1/4-11 1/2	1 1/4	3/4-14	3/4	1.30
20MP-16FPX90	7259-05435	1 1/4-11 1/2	1 1/4	1-11 1/2	1	1.29
20MP-20FPX90	7259-11055	1 1/4-11 1/2	1 1/4	1 1/4-11 1/2	1 1/4	1.68
20MP-24FPX90	7259-07865	1 1/4-11 1/2	1 1/4	1 1/2-11 1/2	1 1/2	1.98
24MP-20FPX90	7259-06355	1 1/2-11 1/2	1 1/2	1 1/4-11 1/2	1 1/4	1.65
24MP-24FPX90	7259-11655	1 1/2-11 1/2	1 1/2	1 1/2-11 1/2	1 1/2	1.74
32MP-32FPX90	7259-32995	2-11 1/2	2	2-11 1/2	2	3.80

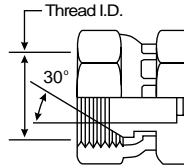


# ADAPTADORES

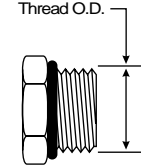
## MACHO O-Ring Boss - HEMBRA NPSM GIRATORIA



**Macho Boss**



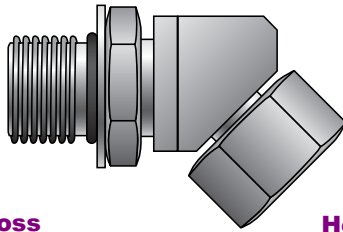
**Hembra Npsm**



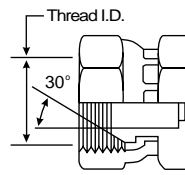
Descr.	Prod. No.	Macho Boss		Hembra Npsm		Lbs.
		"	"	"	"	
4MB-2FPX	7259-06725	7/16-20	<b>1/4</b>	1/8-27	<b>1/8</b>	.15
4MB-4FPX	7259-10475	7/16-20	<b>1/4</b>	1/4-18	<b>1/4</b>	.07
4MB-6FPX	7259-05395	7/16-20	<b>1/4</b>	3/8-18	<b>3/8</b>	.11
5MB-4FPX	7259-11065	1/2-20	<b>5/16</b>	1/4-18	<b>1/4</b>	.08
5MB-8FPX	7259-11735	1/2-20	<b>5/16</b>	1/2-14	<b>1/2</b>	.17
6MB-4FPX	7259-10585	9/16-18	<b>3/8</b>	1/4-18	<b>1/4</b>	.09
6MB-6FPX	7259-10445	9/16-18	<b>3/8</b>	3/8-18	<b>3/8</b>	.11
6MB-8FPX	7259-07495	9/16-18	<b>3/8</b>	1/2-24	<b>1/2</b>	.15
8MB-4FPX	7259-11115	3/4-16	<b>1/2</b>	1/4-18	<b>1/4</b>	.13
8MB-6FPX	7259-10535	3/4-16	<b>1/2</b>	3/8-18	<b>3/8</b>	.16
8MB-8FPX	7259-00295	3/4-16	<b>1/2</b>	1/2-14	<b>1/2</b>	.18
8MB-12FPX	7259-11105	3/4-16	<b>1/2</b>	3/4-14	<b>3/4</b>	.25
10MB-6FPX	7259-11155	7/8-14	<b>5/8</b>	3/8-18	<b>3/8</b>	.20
10MB-8FPX	7259-10215	7/8-14	<b>5/8</b>	1/2-14	<b>1/2</b>	.22
10MB-12FPX	7259-10665	7/8-14	<b>5/8</b>	3/4-14	<b>3/4</b>	.30
12MB-8FPX	7259-10725	1 1/16-12	<b>3/4</b>	1/2-14	<b>1/2</b>	.32
12MB-12FPX	7259-10315	1 1/16-12	<b>3/4</b>	3/4-14	<b>3/4</b>	.34
12MB-16FPX	7259-05535	1 1/16-12	<b>3/4</b>	1-11 1/2	<b>1</b>	.50
14MB-12FPX	7259-33275	1 3/16-12	<b>7/8</b>	3/4-14	<b>3/4</b>	.44
16MB-12FPX	7259-05115	1 5/16-12	<b>1</b>	3/4-14	<b>3/4</b>	.49
16MB-16FPX	7259-33285	1 5/16-12	<b>1</b>	1-11 1/2	<b>1</b>	.53
16MB-20FPX	7259-08035	1 5/16-12	<b>1</b>	1 1/4-11 1/2	<b>1 1/4</b>	.80
20MB-12FPX	7259-08815	1 5/8-12	<b>1 1/4</b>	3/4-14	<b>3/4</b>	.74
20MB-16FPX	7259-06925	1 5/8-12	<b>1 1/4</b>	1-11 1/2	<b>1</b>	.79
20MB-20FPX	7259-05605	1 5/8-12	<b>1 1/4</b>	1 1/4-11 1/2	<b>1 1/4</b>	.96
24MB-20FPX	7259-08825	1 7/8-12	<b>1 1/2</b>	1 1/4-11 1/2	<b>1 1/4</b>	1.17
24MB-24FPX	7259-07625	1 7/8-12	<b>1 1/2</b>	1 1/2-11 1/2	<b>1 1/2</b>	1.80
32MB-32FPX	7259-07885	2 1/2-12	<b>2</b>	2-11 1/2	<b>2</b>	2.21

# ADAPTADORES

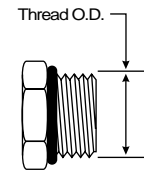
## MACHO O-Ring Boss - HEMBRA NPSM GIRATORIA - 45°



**Macho Boss**



**Hembra Npsm**

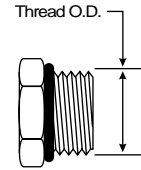
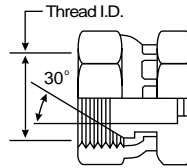
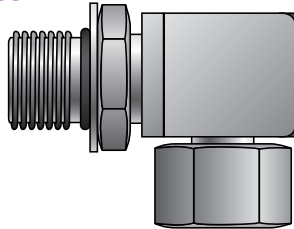


Descr.	Prod. No.	Macho Boss		Hembra Npsm		Lbs.
		"	"	"	"	
4MB-2FPX45	7259-08835	7/16-20	<b>1/4</b>	1/8-27	<b>1/8</b>	.08
4MB-4FPX45	7259-05015	7/16-20	<b>1/4</b>	1/4-18	<b>1/4</b>	.25
4MB-6FPX45	7259-07795	7/16-20	<b>1/4</b>	3/8-18	<b>3/8</b>	.19
6MB-4FPX45	7259-05825	9/16-18	<b>3/8</b>	1/4-18	<b>1/4</b>	.25
6MB-6FPX45	7259-10915	9/16-18	<b>3/8</b>	3/8-18	<b>3/8</b>	.17
6MB-8FPX45	7259-06365	9/16-18	<b>3/8</b>	1/2-14	<b>1/2</b>	.25
8MB-4FPX45	7259-08845	3/4-16	<b>1/2</b>	1/4-18	<b>1/4</b>	.22
8MB-6FPX45	7259-11495	3/4-16	<b>1/2</b>	3/8-18	<b>3/8</b>	.24
8MB-8FPX45	7259-10875	3/4-16	<b>1/2</b>	1/2-14	<b>1/2</b>	.28
8MB-12FPX45	7259-33295	3/4-16	<b>1/2</b>	3/4-14	<b>3/4</b>	.47
10MB-6FPX45	7259-11645	7/8-14	<b>5/8</b>	3/8-18	<b>3/8</b>	.33
10MB-8FPX45	7259-10815	7/8-14	<b>5/8</b>	1/2-14	<b>1/2</b>	.35
10MB-12FPX45	7259-06575	7/8-14	<b>5/8</b>	3/4-14	<b>3/4</b>	.50
12MB-8FPX45	7259-08205	1 1/16-12	<b>3/4</b>	1/2-14	<b>1/2</b>	.50
12MB-12FPX45	7259-11315	1 1/16-12	<b>3/4</b>	3/4-14	<b>3/4</b>	.57
12MB-16FPX45	7259-07265	1 1/16-12	<b>3/4</b>	1-11 1/2	<b>1</b>	.79
16MB-12FPX45	7259-07425	1 5/16-12	<b>1</b>	3/4-14	<b>3/4</b>	.76
16MB-16FPX45	7259-33325	1 5/16-12	<b>1</b>	1-11 1/2	<b>1</b>	.79
20MB-20FPX45	7259-06615	1 5/8-12	<b>1 1/4</b>	1 1/4-11 1/2	<b>1 1/4</b>	1.59
24MB-24FPX45	7259-08415	1 7/8-12	<b>1 1/2</b>	1 1/2-11 1/2	<b>1 1/2</b>	.40

# ADAPTADORES

## MACHO O-Ring Boss - HEMBRA NPSM GIRATORIA - 90°

**Macho Boss**

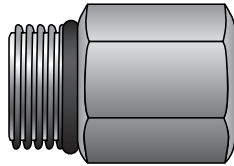


**Hembra Npsm**

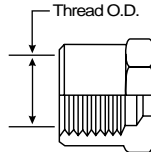
Descr.	Prod. No.	Macho Boss		Hembra Npsm		Lbs.
		"	"	"	"	
4MB-2FPX90	7259-08215	7/16-20	<b>1/4</b>	1/8-27	<b>1/8</b>	.12
4MB-4FPX90	7259-10835	7/16-20	<b>1/4</b>	1/4-18	<b>1/4</b>	.12
4MB-6FPX90	7259-06625	7/16-20	<b>1/4</b>	3/8-18	<b>3/8</b>	.22
6MB-4FPX90	7259-10405	9/16-18	<b>3/8</b>	1/4-18	<b>1/4</b>	.13
6MB-6FPX90	7259-10285	9/16-18	<b>3/8</b>	3/8-18	<b>3/8</b>	.23
6MB-8FPX90	7259-05045	9/16-18	<b>3/8</b>	1/2-14	<b>1/2</b>	.33
8MB-4FPX90	7259-06175	3/4-16	<b>1/2</b>	1/4-18	<b>1/4</b>	.26
8MB-6FPX90	7259-10295	3/4-16	<b>1/2</b>	3/8-18	<b>3/8</b>	.28
8MB-8FPX90	7259-10155	3/4-16	<b>1/2</b>	1/2-14	<b>1/2</b>	.34
8MB-12FPX90	7259-11335	3/4-16	<b>1/2</b>	3/4-14	<b>3/4</b>	.57
10MB-6FPX90	7259-11215	7/8-14	<b>5/8</b>	3/8-18	<b>3/8</b>	.36
10MB-8FPX90	7259-10345	7/8-14	<b>5/8</b>	1/2-14	<b>1/2</b>	.37
10MB-12FPX90	7259-11295	7/8-14	<b>5/8</b>	3/4-14	<b>3/4</b>	.60
12MB-6FPX90	7259-07895	1 1/16-12	<b>3/4</b>	3/8-18	<b>3/8</b>	.61
12MB-8FPX90	7259-00515	1 1/16-12	<b>3/4</b>	1/2-14	<b>1/2</b>	.65
12MB-12FPX90	7259-10575	1 1/16-12	<b>3/4</b>	3/4-14	<b>3/4</b>	.67
12MB-16FPX90	7259-06935	1 1/16-12	<b>3/4</b>	1-11 1/2	<b>1</b>	.99
14MB-12FPX90	7259-07175	1 3/16-12	<b>7/8</b>	3/4-14	<b>3/4</b>	.88
16MB-12FPX90	7259-05805	1 5/16-12	<b>1</b>	3/4-14	<b>3/4</b>	.94
16MB-16FPX90	7259-11125	1 5/16-12	<b>1</b>	1-11 1/2	<b>1</b>	1.07
16MB-20FPX90	7259-06875	1 5/16-12	<b>1</b>	1 1/4-11 1/2	<b>1 1/4</b>	1.79
20MB-12FPX90	7259-06945	1 5/8-12	<b>1 1/4</b>	3/4-14	<b>3/4</b>	1.59
20MB-16FPX90	7259-06635	1 5/8-12	<b>1 1/4</b>	1-11 1/2	<b>1</b>	1.98
20MB-20FPX90	7259-05905	1 5/8-12	<b>1 1/4</b>	1 1/4-11 1/2	<b>1 1/4</b>	1.98
24MB-24FPX90	7259-08855	1 7/8-12	<b>1 1/2</b>	1 1/2-11 1/2	<b>1 1/2</b>	2.19
32MB-32FPX90	7259-08045	2 1/2-12	<b>2</b>	2-11 1/2	<b>2</b>	4.54

# ADAPTADORES

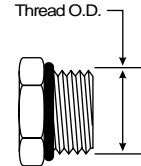
## MACHO O-Ring Boss - HEMBRA NPTF



**Macho Boss**



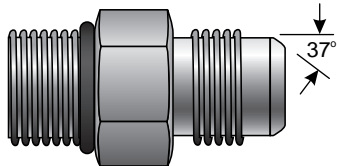
**Hembra Nptf**



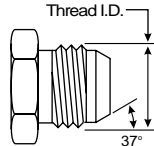
Descr.	Prod. No.	Macho Boss		Hembra Nptf		Lbs.
		"	"	"	"	
3MB-2FP	7259-08785	3/8-24	<b>3/16</b>	1/8-27	<b>1/8</b>	.04
4MB-2FP	7259-24205	7/16-20	<b>1/4</b>	1/8-27	<b>1/8</b>	.05
4MB-4FP	7259-00395	7/16-20	<b>1/4</b>	1/4-18	<b>1/4</b>	.09
4MB-6FP	7259-05145	7/16-20	<b>1/4</b>	3/8-18	<b>3/8</b>	.11
5MB-2FP	7259-05945	1/2-20	<b>5/16</b>	1/8-27	<b>1/8</b>	.04
5MB-4FP	7259-05755	1/2-20	<b>5/16</b>	1/4-18	<b>1/4</b>	.09
6MB-2FP	7259-08805	9/16-18	<b>3/8</b>	1/8-27	<b>1/8</b>	.02
6MB-4FP	7259-24215	9/16-18	<b>3/8</b>	1/4-18	<b>1/4</b>	.10
6MB-6FP	7259-00205	9/16-18	<b>3/8</b>	3/8-18	<b>3/8</b>	.14
6MB-8FP	7259-06605	9/16-18	<b>3/8</b>	1/2-14	<b>1/2</b>	.23
8MB-4FP	7259-00245	3/4-16	<b>1/2</b>	1/4-18	<b>1/4</b>	.13
8MB-6FP	7259-24225	3/4-16	<b>1/2</b>	3/8-18	<b>3/8</b>	.12
8MB-8FP	7259-33255	3/4-16	<b>1/2</b>	1/2-14	<b>1/2</b>	.23
8MB-12FP	7259-06715	3/4-16	<b>1/2</b>	3/4-14	<b>3/4</b>	.34
10MB-4FP	7259-07255	7/8-14	<b>5/8</b>	1/4-18	<b>1/4</b>	.11
10MB-6FP	7259-00335	7/8-14	<b>5/8</b>	3/8-18	<b>3/8</b>	.23
10MB-8FP	7259-24235	7/8-14	<b>5/8</b>	1/2-14	<b>1/2</b>	.24
10MB-12FP	7259-05315	7/8-14	<b>5/8</b>	3/4-14	<b>3/4</b>	.37
12MB-8FP	7259-24245	1 1/16-12	<b>3/4</b>	1/2-14	<b>1/2</b>	.30
12MB-12FP	7259-24255	1 1/16-12	<b>3/4</b>	3/4-14	<b>3/4</b>	.35
12MB-16FP	7259-06155	1 1/16-12	<b>3/4</b>	1-11 1/2	<b>1</b>	.54
14MB-12FP	7259-24265	1 3/16-12	<b>7/8</b>	3/4-14	<b>3/4</b>	.36
16MB-8FP	7259-05495	1 5/16-12	<b>1</b>	7/8-14	<b>1/2</b>	.47
16MB-12FP	7259-33265	1 5/16-12	<b>1</b>	3/4-14	<b>3/4</b>	.43
16MB-16FP	7259-24275	1 5/16-12	<b>1</b>	1-11 1/2	<b>1</b>	.51
20MB-16FP	7259-05445	1 5/8-12	<b>1 1/4</b>	1-11 1/2	<b>1</b>	.70

# ADAPTADORES

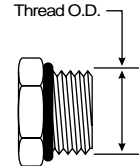
## MACHO O-Ring Boss - MACHO JIC



**Macho Boss**



**Macho Jic**



Descr.	Prod. No.	Macho Boss		Macho Jic		Lbs.
		"	"	"	"	
2MB-2MJ	7259-07275	5/16-24	1/8	5/16-24	1/8	.03
2MB-4MJ	7259-08895	5/16-24	1/8	7/16-20	1/4	.05
3MB-4MJ	7259-06255	3/8-24	3/16	7/16-20	1/4	.03
4MB-3MJ	7259-08905	7/16-20	1/4	3/8-24	3/16	.04
4MB-4MJ	7259-10025	7/16-20	1/4	7/16-20	1/4	.05
4MB-5MJ	7259-05005	7/16-20	1/4	1/2-20	5/16	.06
4MB-6MJ	7259-33405	7/16-20	1/4	9/16-18	3/8	.06
4MB-8MJ	7259-08915	7/16-20	1/4	3/4-16	1/2	.11
5MB-3MJ	7253-86885	1/2-20	5/16	3/8-24	3/16	.06
5MB-4MJ	7259-10775	1/2-20	5/16	7/16-20	1/4	.06
5MB-5MJ	7259-10855	1/2-20	5/16	1/2-20	5/16	.06
5MB-6MJ	7259-33415	1/2-20	5/16	9/16-18	3/8	.07
6MB-4MJ	7259-10045	9/16-18	3/8	7/16-20	1/4	.08
6MB-5MJ	7259-00455	9/16-18	3/8	1/2-20	5/16	.08
6MB-6MJ	7259-04685	9/16-18	3/8	9/16-18	3/8	.08
6MB-8MJ	7259-10145	9/16-18	3/8	3/4-16	1/2	.11
6MB-10MJ	7259-33425	9/16-18	3/8	7/8-14	5/8	.16
6MB-12MJ	7259-07635	9/16-18	3/8	1 1/16-12	3/4	.28
8MB-4MJ	7259-00025	3/4-16	1/2	7/16-20	1/4	.11
8MB-5MJ	7259-06885	3/4-16	1/2	1/2-20	5/16	.11
8MB-6MJ	7259-04775	3/4-16	1/2	9/16-18	3/8	.16
8MB-8MJ	7259-10015	3/4-16	1/4	3/4-16	1/2	.14
8MB-10MJ	7259-10425	3/4-16	1/2	7/8-14	5/8	.18
8MB-12MJ	7259-10305	3/4-16	1/2	1 1/16-12	3/4	.31
8MB-16MJ	7259-07285	3/4-16	1/2	1 5/16-12	1	.43
10MB-4MJ	7259-00105	7/8-14	5/8	7/16-20	1/4	.17
10MB-6MJ	7259-10095	7/8-14	5/8	9/16-18	3/8	.19
10MB-8MJ	7259-10075	7/8-14	5/8	3/4-16	1/2	.18
10MB-10MJ	7259-10065	7/8-14	5/8	7/8-14	5/8	.25
10MB-12MJ	7259-00235	7/8-14	5/8	1 1/16-12	3/4	.29

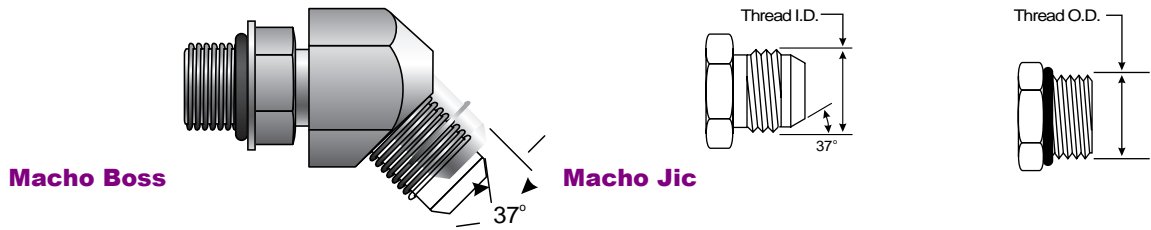
# ADAPTADORES

## MACHO O-Ring Boss - MACHO JIC

Descr.	Prod. No.	Macho Boss		Macho Jic		Lbs.
		"	"	"	"	
10MB-16MJ	7259-00355	7/8-14	<b>5/8</b>	1 5/16-12	<b>1</b>	.44
12MB-4MJ	7259-07905	1 1/16-12	<b>3/4</b>	7/16-20	<b>1/4</b>	.26
12MB-6MJ	7259-00305	1 1/16-12	<b>3/4</b>	9/16-18	<b>3/8</b>	.33
12MB-8MJ	7259-10035	1 1/16-12	<b>3/4</b>	3/4-16	<b>1/2</b>	.33
12MB-10MJ	7259-10755	1 1/16-12	<b>3/4</b>	7/8-14	<b>5/8</b>	.35
12MB-12MJ	7259-10115	1 1/16-12	<b>3/4</b>	1 1/16-12	<b>3/4</b>	.34
12MB-14MJ	7259-08225	1 1/16-12	<b>3/4</b>	1 3/16-12	<b>7/8</b>	.35
12MB-16MJ	7259-10885	1 1/16-12	<b>3/4</b>	1 5/16-12	<b>1</b>	.42
12MB-20MJ	7259-06005	1 1/16-12	<b>3/4</b>	1 5/8-12	<b>1 1/4</b>	1.13
14MB-10MJ	7259-08425	1 3/16-12	<b>7/8</b>	7/8-14	<b>5/8</b>	.35
14MB-12MJ	7259-06185	1 3/16-12	<b>7/8</b>	1 1/16-12	<b>3/4</b>	.38
14MB-14MJ	7259-07525	1 3/16-12	<b>7/8</b>	1 3/16-12	<b>7/8</b>	.41
14MB-16MJ	7259-08235	1 3/16-12	<b>7/8</b>	1 5/16-12	<b>1</b>	.43
16MB-8MJ	7259-00125	1 5/16-12	<b>1</b>	3/4-16	<b>1/2</b>	.40
16MB-10MJ	7259-11385	1 5/16-12	<b>1</b>	7/8-14	<b>5/8</b>	.40
16MB-12MJ	7259-10135	1 5/16-12	<b>1</b>	1 1/16-12	<b>3/4</b>	.54
16MB-16MJ	7259-10055	1 5/16-12	<b>1</b>	1 5/16-12	<b>1</b>	.47
16MB-20MJ	7259-05485	1 5/16-12	<b>1</b>	1 5/8-12	<b>1 1/4</b>	.66
20MB-10MJ	7253-86907	1 5/8-12	<b>1 1/4</b>	7/8-14	<b>5/8</b>	.35
20MB-12MJ	7259-11255	1 5/8-12	<b>1 1/4</b>	1 1/16-12	<b>3/4</b>	.69
20MB-16MJ	7259-10245	1 5/8-12	<b>1 1/4</b>	1 5/16-12	<b>1</b>	.72
20MB-20MJ	7259-11235	1 5/8-12	<b>1 1/4</b>	1 5/8-12	<b>1 1/4</b>	1.01
20MB-24MJ	7259-06315	1 5/8-12	<b>1 1/4</b>	1 7/8-12	<b>1 1/2</b>	.92
24MB-16MJ	7259-00365	1 7/8-12	<b>1 1/2</b>	1 5/16-12	<b>1</b>	.93
24MB-20MJ	7259-05505	1 7/8-12	<b>1 1/2</b>	1 5/8-12	<b>1 1/4</b>	1.00
24MB-24MJ	7259-05345	1 7/8-12	<b>1 1/2</b>	1 7/8-12	<b>1 1/2</b>	1.05
32MB-24MJ	7259-07645	2 1/2-12	<b>2</b>	1 7/8-12	<b>1 1/2</b>	1.83
32MB-32MJ	7259-09855	2 1/2-12	<b>2</b>	2 1/2-12	<b>2</b>	2.05

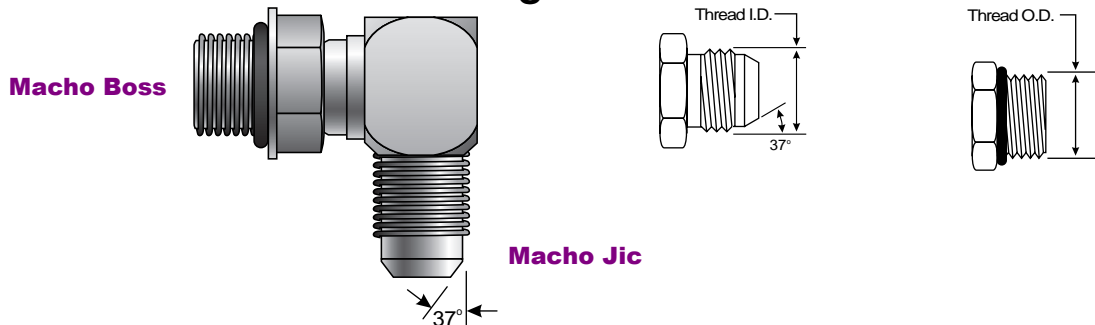
# ADAPTADORES

## MACHO O-Ring Boss - MACHO JIC -45°



Descr.	Prod. No.	Macho Boss		Macho Jic		Lbs.
		"	"	"	"	
4MB-4MJ45	7259-28565	7/16-20	1/4	7/16-20	1/4	.06
4MB-6MJ45	7259-00095	7/16-20	1/4	9/16-18	3/8	.10
5MB-5MJ45	7259-28575	1/2-20	5/16	1/2-20	5/16	.09
5MB-6MJ45	7259-05405	1/2-20	5/16	9/16-18	3/8	.09
6MB-4MJ45	7259-00065	9/16-18	3/8	7/16-20	1/4	.10
6MB-6MJ45	7259-28585	9/16-18	3/8	9/16-18	3/8	.10
6MB-8MJ45	7259-05335	9/16-18	3/8	3/4-16	1/2	.17
8MB-6MJ45	7259-77595	3/4-16	1/2	9/16-18	3/8	.19
8MB-8MJ45	7259-28255	3/4-16	1/2	3/4-16	1/2	.20
8MB-10MJ45	7259-28415	3/4-16	1/2	7/8-14	5/8	.30
8MB-12MJ45	7259-06895	3/4-16	1/2	1 1/16-12	3/4	.41
10MB-8MJ45	7259-28425	7/8-14	5/8	3/4-16	1/2	.30
10MB-10MJ45	7259-10895	7/8-14	5/8	7/8-14	5/8	.26
10MB-12MJ45	7259-05785	7/8-14	5/8	1 1/16-12	3/4	.45
12MB-10MJ45	7259-77605	1 1/16-12	3/4	7/8-14	5/8	.51
12MB-12MJ45	7259-28595	1 1/16-12	3/4	1 1/16-12	3/4	.41
12MB-16MJ45	7259-28435	1 1/16-12	3/4	1 5/16-12	1	.77
14MB-14MJ45	7259-28605	1 3/16-12	7/8	1 3/16-12	7/8	.76
16MB-12MJ45	7259-28445	1 5/16-12	1	1 1/16-12	3/4	.75
16MB-16MJ45	7259-28615	1 5/16-12	1	1 5/16-12	1	.66
16MB-20MJ45	7259-08065	1 5/16-12	1	1 5/8-12	1 1/4	1.20
20MB-16MJ45	7259-07295	1 5/8-12	1 1/4	1 5/16-12	1	1.13
20MB-20MJ45	7259-05955	1 5/8-12	1 1/4	1 5/8-12	1 1/4	1.19
24MB-24MJ45	7259-06975	1 7/8-12	1 1/2	1 7/8-12	1 1/2	2.18

## MACHO O-Ring Boss - MACHO JIC - 90°



Descr.	Prod. No.	Macho Boss		Macho Jic		Lbs.
		"	"	"	"	
2MB-2MJ90	7259-08925	5/16-24	1/8	5/16-24	1/8	.07
3MB-3MJ90	7259-77615	3/8-24	3/16	3/8-24	3/16	.06
4MB-4MJ90	7259-28265	7/16-20	1/4	7/16-20	1/4	.07
4MB-5MJ90	7259-77625	7/16-20	1/4	1/2-20	5/16	.10
4MB-6MJ90	7259-28455	7/16-20	1/4	9/16-18	3/8	.11
4MB-8MJ90	7259-09825	7/16-20	1/4	3/4-16	1/2	.32
5MB-4MJ90	7259-05615	1/2-20	5/16	7/16-20	1/4	.10
5MB-5MJ90	7259-28625	1/2-20	5/16	1/2-20	3/16	.12
5MB-6MJ90	7259-05075	1/2-20	5/16	9/16-18	3/8	.11

# ADAPTADORES

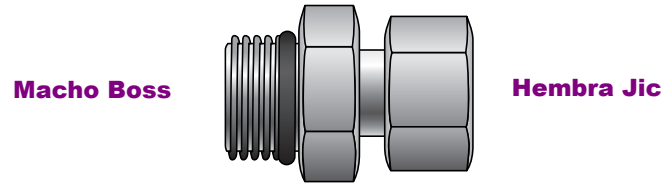
## MACHO O-Ring Boss - MACHO JIC - 90°

Descr.	Prod. No.	Macho Boss		Macho Jic		Lbs.
			"	"	"	
5MB-8MJ90	7259-06985	1/2-20	5/16	3/4-16	1/2	.20
6MB-4MJ90	7259-28465	9/16-18	3/8	7/16-20	1/4	.13
6MB-5MJ90	7259-28475	9/16-18	3/8	1/2-20	5/16	.17
6MB-6MJ90	7259-28275	9/16-18	3/8	9/16-18	3/8	.13
6MB-8MJ90	7259-28485	9/16-18	3/8	3/4-16	1/2	.21
6MB-10MJ90	7259-28495	9/16-18	3/8	7/8-14	5/8	.30
6MB-12MJ90	7259-07915	9/16-18	3/8	1 1/16-12	3/4	.50
8MB-4MJ90	7259-05165	3/4-16	1/2	7/16-20	1/4	.24
8MB-5MJ90	7259-08075	3/4-16	1/2	1/2-20	5/16	.22
8MB-6MJ90	7259-28505	3/4-16	1/2	9/16-18	3/8	.23
8MB-8MJ90	7259-28285	3/4-16	1/2	3/4-16	1/2	.25
8MB-10MJ90	7259-28515	3/4-16	1/2	7/8-14	5/8	.35
8MB-12MJ90	7259-28525	3/4-16	1/2	1 1/16-12	3/4	.54
8MB-16MJ90	7259-08445	3/4-16	1/2	3/4-16	1	.78
10MB-5MJ90	7259-08935	7/8-14	5/8	1/2-20	5/16	.35
10MB-6MJ90	7259-00215	7/8-14	5/8	9/16-18	3/8	.34
10MB-8MJ90	7259-28295	7/8-14	5/8	3/4-16	1/2	.35
10MB-10MJ90	7259-28635	7/8-14	5/8	7/8-14	5/8	.35
10MB-12MJ90	7259-28535	7/8-14	5/8	1 1/16-12	1/2	.56
10MB-16MJ90	7259-05275	7/8-14	5/8	1 5/16-12	1	.84
12MB-6MJ90	7259-05065	1 1/16-12	3/4	9/16-18	3/8	.62
12MB-8MJ90	7259-00055	1 1/16-12	3/4	3/4-16	1/2	.66
12MB-10MJ90	7259-28545	1 1/16-12	3/4	7/8-14	5/8	.60
12MB-12MJ90	7259-28645	1 1/16-12	3/4	1 1/16-12	3/4	.60
12MB-14MJ90	7259-08945	1 1/16-12	3/4	1 3/16-12	7/8	.99
12MB-16MJ90	7259-28555	1 1/16-12	3/4	1 5/16-12	1	.92
12MB-20MJ90	7259-08435	1 1/16-12	3/4	1 5/8-12	1 1/4	1.44
14MB-12MJ90	7259-06435	1 3/16-12	7/8	1 1/16-12	1 3/4	.89
14MB-14MJ90	7259-28655	1 3/16-12	7/8	1 3/16-12	7/8	.88
14MB-16MJ90	7259-07305	1 3/16-12	7/8	1 5/16-12	1	.88
14MB-20MJ90	7259-08955	1 3/16-12	7/8	1 5/8-12	1 1/4	1.37
16MB-8MJ90	7259-05885	1 5/16-12	1	3/4-16	1/2	.94
16MB-10MJ90	7259-08965	1 5/16-12	1	7/8-14	5/8	.89
16MB-12MJ90	7259-28315	1 5/16-12	1	1 1/16-12	3/4	.79
16MB-14MJ90	7259-08975	1 5/16-12	1	1 3/16-12	7/8	1.04
16MB-16MJ90	7259-28325	1 5/16-12	1	1 5/16-12	1	.93
16MB-20MJ90	7259-77655	1 5/16-12	1	1 5/8-12	1 1/4	1.44
16MB-24MJ90	7259-08255	1 5/16-12	1	1 7/8-12	1 1/2	2.01
20MB-10MJ90	7259-08265	1 5/8-12	1 1/4	7/8-14	5/8	1.59
20MB-12MJ90	7259-05995	1 5/8-12	1 1/4	1 1/16-12	3/4	1.59
20MB-16MJ90	7259-05055	1 5/8-12	1 1/4	1 5/16-12	1	1.68
20MB-20MJ90	7259-77665	1 5/8-12	1 1/4	1 5/8-12	1 1/4	1.25
20MB-24MJ90	7259-06015	1 5/8-12	1 1/4	1 7/8-12	1 1/2	1.98
24MB-20MJ90	7259-06525	1 7/8-12	1/2	1 5/8-12	1 1/4	2.06
24MB-24MJ90	7259-77675	1 7/8-12	1/2	1 7/8-12	1 1/2	1.87
32MB-32MJ90	7259-07135	2 1/2-12	2	2 1/2-12	2	4.48



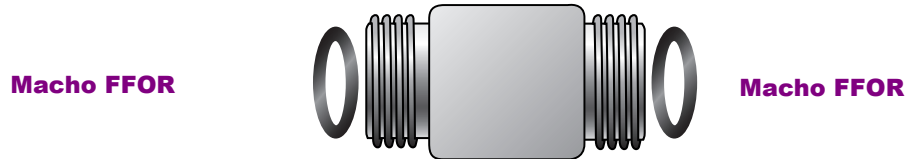
# ADAPTADORES

## MACHO O-Ring Boss - HEMBRA JIC GIRATORIA



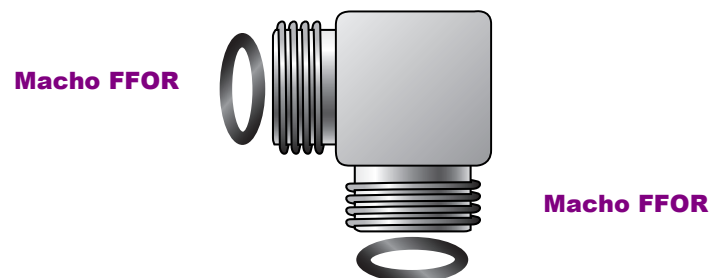
Descr.	Prod. No.	Macho Boss		Hembra Jic	
6MB-6FJX	7259-42155	9/16-18	3/8	3/8	.09
8MB-8FJX	7259-42185	3/4-16	1/2	1/2	.16

## MACHO ASIENTO PLANO - MACHO ASIENTO PLANO



Descr.	Prod. No.	Macho FFOR		Macho FFOR		Lbs.
		"	"	"	"	
4MFFOR-4MFFOR	7259-43965	9/16-18	1/4	9/16-18	1/4	.07
6MFFOR-4MFFOR	7259-43975	11/16-16	3/8	9/16-18	1/4	.10
6MFFOR-6MFFOR	7259-43985	11/16-16	3/8	11/16-16	3/8	.11
10MFFOR-10MFFOR	7259-44025	1-14	5/8	1-14	5/8	.28
12MFFOR-12MFFOR	7259-44045	1 3/16-12	3/4	1 3/16-12	3/4	.35
16MFFOR-16MFFOR	7259-44065	1 7/16-12	1	1 7/16-12	1	.61
20MFFOR-20MFFOR	7259-44075	1 11/16-12	1 1/4	1 11/16-12	1 1/4	.40
24MFFOR-24MFFOR	7259-44085	2-12	1 1/2	2-12	1 1/2	.40

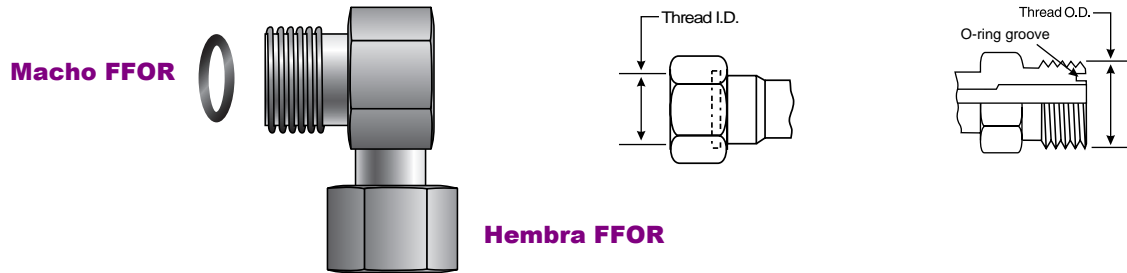
## MACHO ASIENTO PLANO - MACHO ASIENTO PLANO - 90°



Descr.	Prod. No.	Macho FFOR		Macho FFOR	
4MFFOR-4MFFOR90	7259-44105	9/16-18	1/4	1/4	.08
8MFFOR-8MFFOR90	7259-44125	13/16-16	1/2	1/2	.22

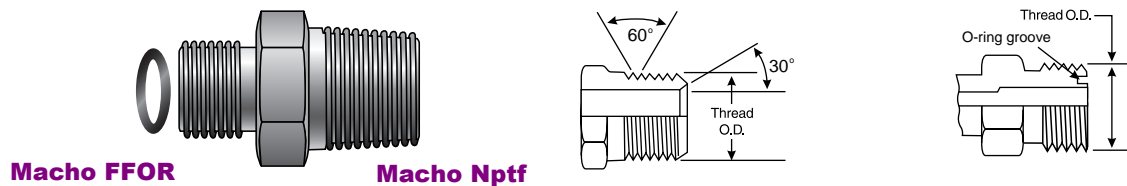
# ADAPTADORES

## MACHO ASIENTO PLANO - HEMBRA ASIENTO PLANO GIRATORIA - 90°



Descr.	Prod. No.	Macho FFOR		Hembra FFOR		Lbs.
		"	"	"	"	
4MFFOR-4FFORX90	7259-06075	9/16-18	1/4	9/16-18	1/4	.13
6MFFOR-6FFORX90	7259-31905	11/16-16	3/8	11/16-16	3/8	.22
8MFFOR-8FFORX90	7259-00345	13/16-16	1/2	13/16-16	1/2	.28
10MFFOR-10FFORX90	7259-05585	1-14	5/8	1-14	5/8	.57
12MFFOR-12FFORX90	7259-06085	1 3/16-12	3/4	1 3/16-12	3/4	.79
16MFFOR-16FFORX90	7259-05285	1 7/16-12	1	1 7/16-12	1	1.21
20MFFOR-20FFORX90	7259-09665	1 11/16-12	1 1/4	1 11/16-12	1 1/4	1.98
24MFFOR-24FFORX90	7259-09675	2-12	1 1/2	2-12	1 1/2	2.25

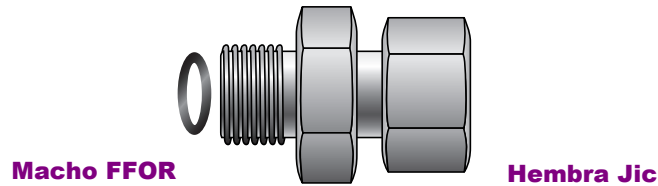
## MACHO ASIENTO PLANO - MACHO NPTF



Descr.	Prod. No.	Macho FFOR		Macho Nptf		Lbs.
		"	"	"	"	
4MFFOR-2MP	7259-30615	9/16-18	1/4	1/8-27	1/8	.06
4MFFOR-4MP	7259-30625	9/16-18	1/4	1/4-18	1/4	.07
4MFFOR-6MP	7259-30635	9/16-18	1/4	3/8-18	3/8	.10
6MFFOR-4MP	7259-30645	11/16-16	3/8	1/4-18	1/4	.10
6MFFOR-6MP	7259-30655	11/16-16	3/8	3/8-18	3/4	.10
6MFFOR-8MP	7259-30665	11/16-16	3/8	1/2-14	1/2	.14
8MFFOR-4MP	7259-09845	13/16-16	1/2	1/4-18	1/4	.14
8MFFOR-6MP	7259-30675	13/16-16	1/2	3/8-18	3/8	.14
8MFFOR-8MP	7259-30685	13/16-16	1/2	1/2-14	1/2	.16
8MFFOR-12MP	7259-06845	13/16-16	1/2	3/4-14	3/4	.24
10MFFOR-8MP	7259-30695	1-14	5/8	1/2-14	1/2	.24
10MFFOR-12MP	7259-06755	1-14	5/8	3/4-14	3/4	.30
12MFFOR-8MP	7259-06035	1 3/16-12	3/4	1/2-14	1/2	.40
12MFFOR-12MP	7259-30705	1 3/16-12	3/4	3/4-14	3/4	.36
12MFFOR-16MP	7259-08115	1 3/16-12	3/4	1-11 1/2	1	.44
16MFFOR-12MP	7259-07075	1 7/16-12	1	3/4-14	3/4	.47
16MFFOR-16MP	7259-30715	1 7/16-12	1	1-11 1/2	1	.57
20MFFOR-20MP	7259-30725	1 11/16-12	1 1/4	1 1/4-11 1/2	1 1/4	.99
24MFFOR-24MP	7259-07595	2-12	1 1/2	1 1/2-11 1/2	1 1/2	1.13

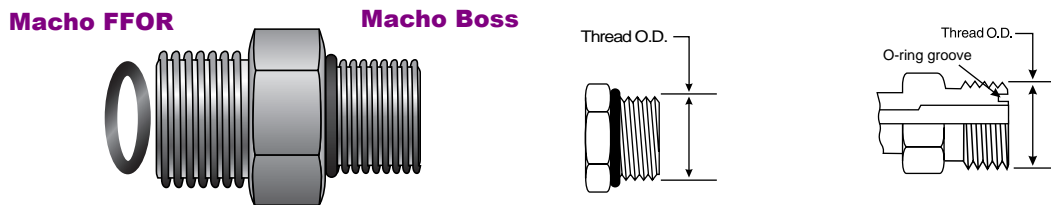
# ADAPTADORES

## MACHO ASIENTO PLANO - HEMBRA JIC GIRATORIA



Descr.	Prod. No.	Macho FFOR		Hembra Jic		Lbs.
		"	"	"	"	
4MFFOR-4FJX	7259-09995	9/16-18	1/4	7/16-20	1/4	.08
6MFFOR-6FJX	7259-05135	11/16-16	3/8	9/16-18	3/8	.14
8MFFOR-8FJX	7259-05365	13/16-16	1/2	3/4-16	1/2	.18
10MFFOR-10FJX	7259-06335	1-14	5/8	7/8-14	5/8	.28
12MFFOR-12FJX	7259-05215	1 3/16-12	3/4	1 1/16-12	3/4	.47
16MFFOR-16FJX	7259-06765	1 7/16-12	1	1 5/16-12	1	.64

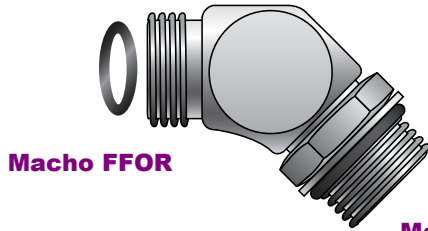
## MACHO ASIENTO PLANO - MACHO O-Ring Boss



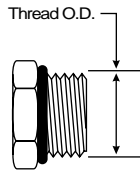
Descr.	Prod. No.	Macho FFOR		Macho Boss		Lbs.
		"	"	"	"	
4MFFOR-4MB	7259-30015	9/16-18	1/4	7/16-20	1/4	.07
4MFFOR-6MB	7259-29905	9/16-18	1/4	9/16-18	3/8	.08
4MFFOR-8MB	7259-30115	9/16-18	1/4	3/4-16	1/2	.12
6MFFOR-4MB	7259-30025	11/16-16	3/8	9/16-18	1/4	.11
6MFFOR-6MB	7259-00085	11/16-16	3/8	7/16-20	3/8	.10
6MFFOR-8MB	7259-29925	11/16-16	3/8	3/4-16	1/2	.15
6MFFOR-10MB	7259-30095	11/16-16	3/8	7/8-14	5/8	.20
8MFFOR-6MB	7259-30035	13/16-16	1/2	3/4-16	3/8	.14
8MFFOR-8MB	7259-29915	13/16-16	1/2	9/16-18	1/2	.15
8MFFOR-10MB	7259-30105	13/16-16	1/2	7/8-14	5/8	.22
8MFFOR-12MB	7259-30125	13/16-16	1/2	1 1/16-12	3/4	.31
8MFFOR-16MB	7259-08005	13/16-16	1/2	1 5/16-12	1	.45
10MFFOR-8MB	7259-00155	1-14	5/8	3/4-16	1/2	.26
10MFFOR-10MB	7259-30045	1-14	5/8	7/8-14	5/8	.26
10MFFOR-12MB	7259-00165	1-14	5/8	1 1/16-12	3/4	.36
12MFFOR-8MB	7259-30135	1 3/16-12	3/4	3/4-16	1/2	.40
12MFFOR-10MB	7259-05385	1 3/16-12	3/4	7/8-14	5/8	.44
12MFFOR-12MB	7259-30055	1 3/16-12	3/4	1 1/16-12	3/4	.40
12MFFOR-16MB	7259-30175	1 3/16-12	3/4	1 5/16-12	1	.52
16MFFOR-12MB	7259-30185	1 7/16-12	1	1 1/16-12	3/4	.79
16MFFOR-16MB	7259-50255	1 7/16-12	1	1 5/16-12	1	.56
16MFFOR-20MB	7259-00045	1 7/16-12	1	1 5/8-20	1 1/4	.73
20MFFOR-16MB	7259-30145	1 11/16-12	1 1/4	1 5/16-12	1	.87
20MFFOR-20MB	7259-30075	1 11/16-12	1 1/4	1 5/8-12	1 1/4	.88
20MFFOR-24MB	7259-09745	1 11/16-12	1 1/4	1 7/8-12	1 1/2	1.06
24MFFOR-20MB	7259-09755	2-12	1 1/2	1 5/8-12	1 1/4	1.13
32MFFOR-32MB	7259-00325	2 1/2-12	2	2 1/2-12	2	1.93

# ADAPTADORES

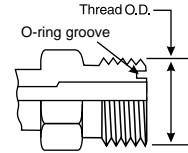
## MACHO ASIENTO PLANO - MACHO O-Ring Boss - 45°



Macho FFOR



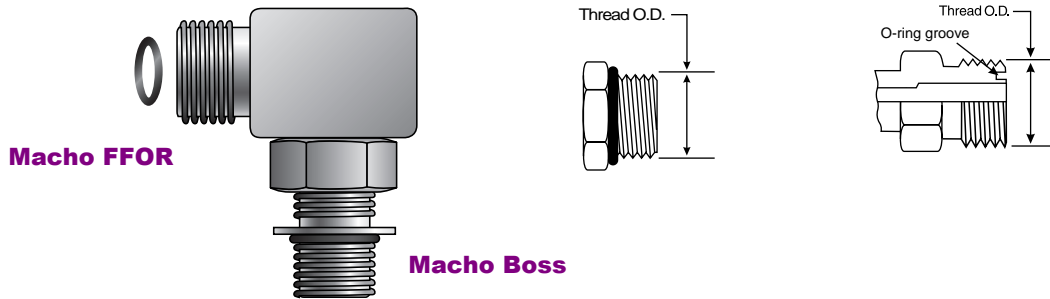
Macho Boss



Descr.	Prod. No.	Macho FFOR		Macho Boss		Lbs.
		"	"	"	"	
4MFFOR-4MB45	7259-30935	9/16-18	<b>1/4</b>	7/16-20	<b>1/4</b>	.11
4MFFOR-6MB45	7259-30305	9/16-18	<b>1/4</b>	9/16-18	<b>3/8</b>	.15
6MFFOR-4MB45	7259-30945	11/16-16	<b>3/8</b>	7/16-20	<b>1/4</b>	.20
6MFFOR-6MB45	7259-30225	11/16-16	<b>3/8</b>	9/16-18	<b>3/8</b>	.18
6MFFOR-8MB45	7259-30955	11/16-16	<b>3/8</b>	3/4-16	<b>1/2</b>	.24
8MFFOR-6MB45	7259-30965	13/16-16	<b>1/2</b>	9/16-18	<b>3/8</b>	.20
8MFFOR-8MB45	7259-30975	13/16-16	<b>1/2</b>	3/4-16	<b>1/2</b>	.24
8MFFOR-10MB45	7259-30295	13/16-16	<b>1/2</b>	7/8-14	<b>5/8</b>	.41
8MFFOR-12MB45	7259-30985	13/16-16	<b>1/2</b>	1 1/16-12	<b>3/4</b>	.58
10MFFOR-8MB45	7259-30995	1-14	<b>5/8</b>	3/4-16	<b>1/2</b>	.40
10MFFOR-10MB45	7259-31005	1-14	<b>5/8</b>	7/8-14	<b>5/8</b>	.44
10MFFOR-12MB45	7259-31015	1-14	<b>5/8</b>	1 1/16-12	<b>3/4</b>	.65
12MFFOR-10MB45	7259-31025	1 3/16-12	<b>1/2</b>	7/8-14	<b>5/8</b>	.55
12MFFOR-12MB45	7259-31035	1 3/16-12	<b>1/2</b>	1 1/16-12	<b>3/4</b>	.69
12MFFOR-16MB45	7259-31045	1 3/16-12	<b>1/2</b>	1 5/16-12	<b>1</b>	.87
16MFFOR-12MB45	7259-31055	1 7/16-12	<b>1</b>	1 1/16-12	<b>3/4</b>	.94
16MFFOR-16MB45	7259-31065	1 7/16-12	<b>1</b>	1 5/16-12	<b>1</b>	1.00
16MFFOR-20MB45	7259-31075	1 7/16-12	<b>1</b>	1 5/8-12	<b>1 1/4</b>	1.30
20MFFOR-20MB45	7259-31085	1 11/16-12	<b>1 1/4</b>	1 5/8-12	<b>1 1/4</b>	1.85
24MFFOR-24MB45	7259-31095	2-12	<b>1 1/2</b>	1 7/8-12	<b>1 1/2</b>	1.83

# ADAPTADORES

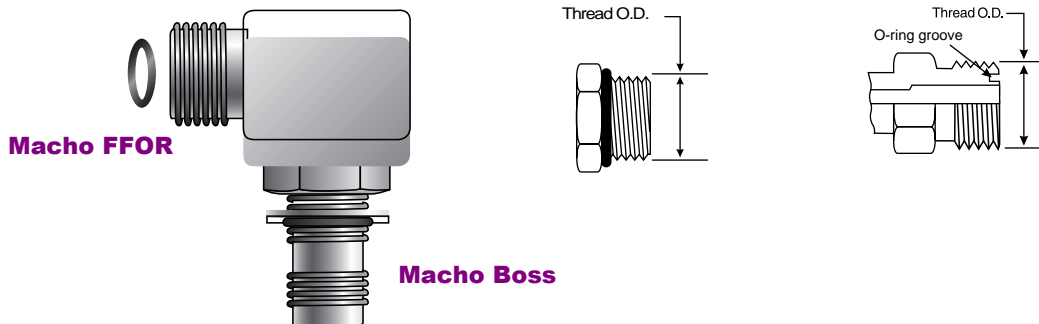
## MACHO ASIENTO PLANO - MACHO O-Ring Boss - 90°



Descr.	Prod. No.	Macho FFOR		Macho Boss		Lbs.
		"	"	"	"	
4MFFOR-4MB90	7259-30415	9/16-18	<b>1/4</b>	7/16-20	<b>1/4</b>	.13
4MFFOR-6MB90	7259-30735	9/16-18	<b>1/4</b>	9/16-18	<b>3/8</b>	.15
4MFFOR-8MB90	7259-30745	9/16-18	<b>1/4</b>	3/4-16	<b>1/2</b>	.27
6MFFOR-4MB90	7259-30495	11/16-16	<b>3/8</b>	7/16-20	<b>1/4</b>	.22
6MFFOR-6MB90	7259-30425	11/16-16	<b>3/8</b>	9/16-18	<b>3/8</b>	.24
6MFFOR-8MB90	7259-30755	11/16-16	<b>3/8</b>	3/4-16	<b>1/2</b>	.28
6MFFOR-12MB90	7259-30765	11/16-16	<b>3/8</b>	1 1/16-12	<b>3/4</b>	.72
8MFFOR-6MB90	7259-66215	13/16-16	<b>1/2</b>	9/16-18	<b>3/8</b>	.24
8MFFOR-8MB90	7259-30435	13/16-16	<b>1/2</b>	3/4-16	<b>1/2</b>	.30
8MFFOR-10MB90	7259-30515	13/16-16	<b>1/2</b>	7/8-14	<b>5/8</b>	.44
8MFFOR-12MB90	7259-30525	13/16-16	<b>1/2</b>	1 1/16-12	<b>3/4</b>	.82
10MFFOR-8MB90	7259-30555	1-14	<b>5/8</b>	3/4-16	<b>1/2</b>	.50
10MFFOR-10MB90	7259-30445	1-14	<b>5/8</b>	7/8-14	<b>5/8</b>	.57
10MFFOR-12MB90	7259-30775	1-14	<b>5/8</b>	1 1/16-12	<b>3/4</b>	.84
12MFFOR-8MB90	7259-30785	1 3/16-12	<b>3/4</b>	3/4-16	<b>1/2</b>	.71
12MFFOR-10MB90	7259-30795	1 3/16-12	<b>3/4</b>	7/8-14	<b>5/8</b>	.73
12MFFOR-12MB90	7259-30455	1 3/16-12	<b>3/4</b>	1 1/16-12	<b>3/4</b>	.86
12MFFOR-16MB90	7259-30805	1 3/16-12	<b>3/4</b>	1 5/16-12	<b>1</b>	1.40
16MFFOR-12MB90	7259-30545	1 7/16-12	<b>1</b>	1 1/16-12	<b>3/4</b>	1.40
16MFFOR-16MB90	7259-30465	1 7/16-12	<b>1</b>	1 5/16-12	<b>1</b>	1.28
16MFFOR-20MB90	7259-30815	1 7/16-12	<b>1</b>	1 5/8-12	<b>1 1/4</b>	1.75
20MFFOR-16MB90	7259-30825	1 11/16-12	<b>1 1/4</b>	1 5/16-12	<b>1</b>	1.70
20MFFOR-20MB90	7259-30475	1 11/16-12	<b>1 1/4</b>	1 5/8-12	<b>1 1/4</b>	1.80
20MFFOR-24MB90	7259-30835	1 11/16-12	<b>1 1/4</b>	1 7/8-12	<b>1 1/2</b>	2.24
24MFFOR-20MB90	7259-30845	2-12	<b>1 1/2</b>	1 5/8-12	<b>1 1/4</b>	2.16
24MFFOR-24MB90	7259-30855	2-12	<b>1 1/2</b>	1 7/8-12	<b>1 1/2</b>	2.46

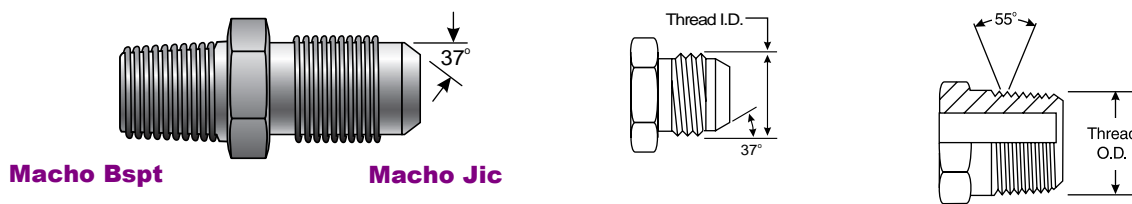
# ADAPTADORES

## MACHO ASIENTO PLANO - MACHO O-Ring Boss - 90° (LARGO)



Descr.	Prod. No.	Macho FFOR		Macho Boss		Lbs.
		"	"	"	"	
4MFFOR-4MB90L	7259-30875	9/16-18	1/4	7/16-20	1/4	.20
6MFFOR-6MB90L	7259-30885	11/16-16	3/8	9/16-18	3/8	.40
12MFFOR-12MB90L	7259-30915	1 3/16-12	3/4	1 1/16-12	3/4	1.30
16MFFOR-16MB90L	7259-30925	1 7/16-12	1	1 5/16-12	1	2.07

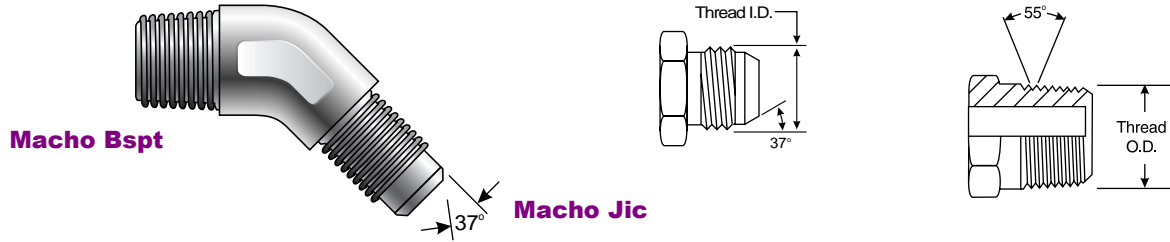
## MACHO BSPT - MACHO JIC



Descr.	Prod. No.	Macho Bspt		Macho Jic		Lbs.
		"	"	"	"	
2MBSPT-4MJ	7253-14255	1/8-28	1/8	7/16-20	1/4	.08
2MBSPT-5MJ	7253-60005	1/8-28	1/8	1/2-20	5/16	.02
2MBSPT-6MJ	7253-60015	1/8-28	1/8	9/16-18	3/8	.05
4MBSPT-4MJ	7253-14265	1/4-19	1/4	7/16-20	1/4	.12
4MBSPT-5MJ	7253-60025	1/4-19	1/4	1/2-20	5/16	.05
4MBSPT-6MJ	7253-60035	1/4-19	1/4	9/16-18	3/8	.05
4MBSPT-8MJ	7253-60045	1/4-19	1/4	3/4-16	1/2	.10
6MBSPT-4MJ	7253-60055	3/8-19	3/8	7/16-20	1/4	.05
6MBSPT-5MJ	7253-60065	3/8-19	3/8	1/2-20	5/16	.05
6MBSPT-6MJ	7253-14275	3/8-19	3/8	9/16-18	3/8	.14
6MBSPT-8MJ	7253-60075	3/8-19	3/8	3/4-16	1/2	.10
6MBSPT-10MJ	7253-60085	3/8-19	3/8	7/8-14	5/8	.15
8MBSPT-6MJ	7253-60095	1/2-14	1/2	9/16-18	3/8	.15
8MBSPT-8MJ	7253-14285	1/2-14	1/2	3/4-16	1/2	.20
8MBSPT-10MJ	7253-14295	1/2-14	1/2	7/8-14	5/8	.03
8MBSPT-12MJ	7253-60105	1/2-14	1/2	1 1/16-12	3/4	.25
12MBSPT-8MJ	7253-60115	3/4-14	3/4	3/4-16	1/2	.20
12MBSPT-10MJ	7253-60125	3/4-14	3/4	7/8-14	5/8	.25
12MBSPT-12MJ	7253-14305	3/4-14	3/4	1 1/16-12	3/4	.40
12MBSPT-14MJ	7253-60135	3/4-14	3/4	1 3/16-12	7/8	.35
12MBSPT-16MJ	7253-60145	3/4-14	3/4	1 5/16-12	1	.35
16MBSPT-12MJ	7253-60155	1-11	1	1 1/16-12	3/4	.45
16MBSPT-16MJ	7253-14315	1-11	1	1 5/16-12	1	.50
16MBSPT-20MJ	7253-60165	1-11	1	1 5/8-12	11/4	.70
20MBSPT-16MJ	7253-60175	1 1/4-11	11/4	1 5/16-12	1	.70
20MBSPT-20MJ	7253-60185	1 1/4-11	11/4	1 5/8-12	11/4	.75
24MBSPT-24MJ	7253-60195	1 1/2-11	11/2	1 7/8-12	11/2	1.10
32MBSPT-32MJ	7253-60205	2-11	2	2 1/2-12	2	2.05

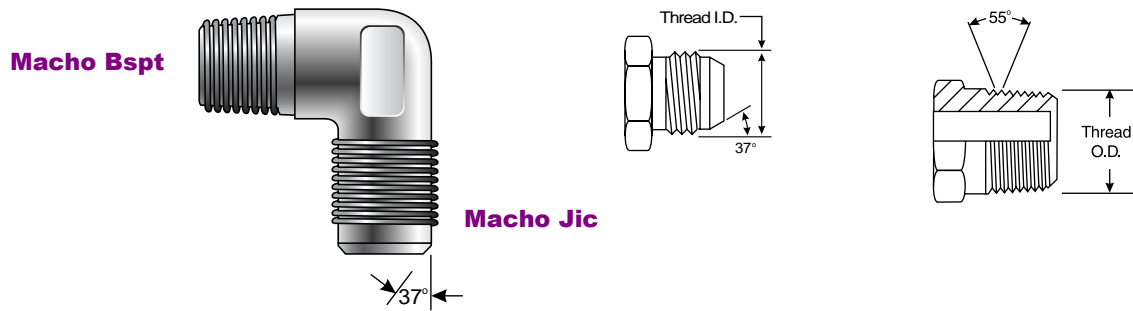
# ADAPTADORES

## MACHO BSPT - MACHO JIC - 45°



Descr.	Prod. No.	Macho Bspt		Macho Jic		Lbs.
		"	"	"	"	
2MBSPT-4MJ45	7253-60215	1/8-28	<b>1/8</b>	3/4-16	<b>1/4</b>	.01
4MBSPT-4MJ45	7253-60225	1/4-19	<b>1/4</b>	7/16-20	<b>1/4</b>	.05
4MBSPT-6MJ45	7253-60235	1/4-19	<b>1/4</b>	9/16-18	<b>3/8</b>	.05
6MBSPT-6MJ45	7253-60245	3/8-19	<b>3/8</b>	9/16-18	<b>3/8</b>	.10
6MBSPT-8MJ45	7253-60255	3/8-19	<b>3/8</b>	3/4-16	<b>1/2</b>	.10
8MBSPT-8MJ45	7253-60265	1/2-14	<b>1/2</b>	3/4-16	<b>1/2</b>	.20
8MBSPT-10MJ45	7253-60275	1/2-14	<b>1/2</b>	7/8-14	<b>5/8</b>	.20
12MBSPT-12MJ45	7253-60285	3/4-14	<b>3/4</b>	1 1/16-12	<b>3/4</b>	.35
12MBSPT-16MJ45	7253-60295	3/4-14	<b>3/4</b>	1 5/16-12	<b>1</b>	.55
16MBSPT-16MJ45	7253-60305	1-11	<b>1</b>	1 5/16-12	<b>1</b>	.55

## MACHO BSPT - MACHO JIC - 90°

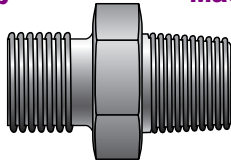


Descr.	Prod. No.	Macho Bspt		Macho Jic		Lbs.
		"	"	"	"	
2MBSPT-4MJ90	7253-60315	1/8-28	<b>1/8</b>	3/4-16	<b>1/4</b>	.05
4MBSPT-4MJ90	7253-60325	1/4-19	<b>1/4</b>	7/16-20	<b>1/4</b>	.10
4MBSPT-5MJ90	7253-60335	1/4-19	<b>1/4</b>	1/2-20	<b>5/8</b>	.10
4MBSPT-6MJ90	7253-60345	1/4-19	<b>1/4</b>	9/16-18	<b>3/8</b>	.05
6MBSPT-6MJ90	7253-60355	3/8-19	<b>3/8</b>	9/16-18	<b>3/8</b>	.15
6MBSPT-8MJ90	7253-60365	3/8-19	<b>3/8</b>	3/4-16	<b>1/2</b>	.20
8MBSPT-6MJ90	7253-60375	1/2-14	<b>1/2</b>	3/4-16	<b>3/4</b>	.15
8MBSPT-8MJ90	7253-60385	1/2-14	<b>1/2</b>	3/4-16	<b>1/2</b>	.25
8MBSPT-10MJ90	7253-60395	1/2-14	<b>1/2</b>	7/8-14	<b>5/8</b>	.25
8MBSPT-12MJ90	7253-60405	1/2-14	<b>1/2</b>	1 1/16-12	<b>3/4</b>	.45
12MBSPT-12MJ90	7253-60415	3/4-14	<b>3/4</b>	1 1/16-12	<b>3/4</b>	.50
12MBSPT-16MJ90	7253-60425	3/4-14	<b>3/4</b>	1 5/16-12	<b>1</b>	.75
16MBSPT-16MJ90	7253-60435	1-11	<b>1</b>	1 5/16-12	<b>1</b>	.80
20MBSPT-20MJ90	7253-60445	1 1/4-11	<b>1 1/4</b>	1 5/8-12	<b>1 1/4</b>	1.45
24MBSPT-24MJ90	7253-60455	1 1/2-11	<b>1 1/2</b>	1 7/8-12	<b>1 1/2</b>	2.00

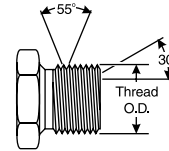
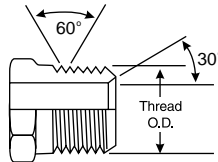
# ADAPTADORES

## MACHO BSPP - MACHO NPTF

Macho Bsp



Macho Nptf

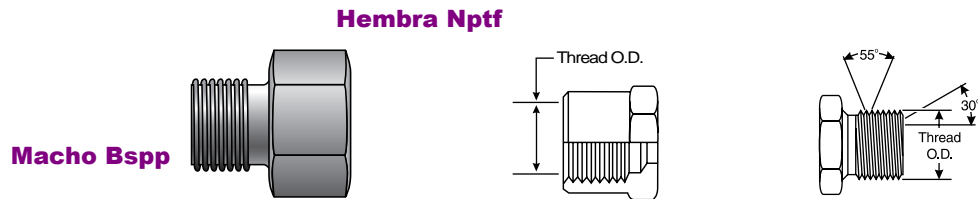


Descr.	Prod. No.	Macho Bsp		Macho Nptf		Lbs.
		"	"	"	"	
2MBSPP-2MP	7253-60475	1/8-28	<b>1/8</b>	1/8-27	<b>1/8</b>	.05
2MBSPP-4MP	7253-60485	1/8-28	<b>1/8</b>	1/4-18	<b>1/4</b>	.05
4MBSPP-2MP	7253-60495	1/4-19	<b>1/4</b>	1/8-27	<b>1/8</b>	.05
4MBSPP-4MP	7253-15075	1/4-19	<b>1/4</b>	1/4-18	<b>1/4</b>	.07
4MBSPP-6MP	7253-60505	1/4-19	<b>1/4</b>	3/8-18	<b>3/4</b>	.05
4MBSPP-8MP	7253-60515	1/4-19	<b>1/4</b>	1/2-14	<b>1/2</b>	.10
6MBSPP-2MP	7253-60525	3/8-19	<b>3/8</b>	1/8-27	<b>1/8</b>	.04
6MBSPP-4MP	7253-60535	3/8-19	<b>3/8</b>	1/4-18	<b>1/4</b>	.10
6MBSPP-6MP	7253-15085	3/8-19	<b>3/8</b>	3/8-18	<b>3/8</b>	.11
6MBSPP-8MP	7253-60545	3/8-19	<b>3/8</b>	1/2-14	<b>1/2</b>	.10
6MBSPP-12MP	7253-60555	3/8-19	<b>3/8</b>	3/4-14	<b>3/4</b>	.20
6MBSPP-16MP	7253-60565	3/8-19	<b>3/8</b>	1-11 1/2	<b>1</b>	.35
8MBSPP-4MP	7253-60575	1/2-14	<b>1/2</b>	1/4-18	<b>1/4</b>	.10
8MBSPP-6MP	7253-60585	1/2-14	<b>1/2</b>	3/8-18	<b>3/8</b>	.10
8MBSPP-8MP	7253-15095	1/2-14	<b>1/2</b>	1/2-14	<b>1/2</b>	.17
8MBSPP-12MP	7253-60595	1/2-14	<b>1/2</b>	3/4-14	<b>3/4</b>	.15
8MBSPP-16MP	7253-60605	1/2-14	<b>1/2</b>	1-11 1/2	<b>1</b>	.35
10MBSPP-8MP	7253-60615	5/8-14	<b>5/8</b>	1/2-14	<b>1/2</b>	.15
10MBSPP-12MP	7253-60625	5/8-14	<b>5/8</b>	3/4-14	<b>3/4</b>	.20
12MBSPP-8MP	7253-60635	3/4-14	<b>3/4</b>	1/2-14	<b>1/2</b>	.15
12MBSPP-12MP	7253-15105	3/4-14	<b>3/4</b>	3/4-14	<b>3/4</b>	.28
12MBSPP-16MP	7253-60645	3/4-14	<b>3/4</b>	1-11 1/2	<b>1</b>	.35
12MBSPP-20MP	7253-60655	3/4-14	<b>3/4</b>	1 1/4-11 1/2	<b>1 1/4</b>	.60
16MBSPP-12MP	7253-60665	1-11	<b>1</b>	3/4-14	<b>3/4</b>	.40
16MBSPP-16MP	7253-15115	1-11	<b>1</b>	1-11 1/2	<b>1</b>	.53
16MBSPP-20MP	7253-60675	1-11	<b>1</b>	1 1/4-11 1/2	<b>1 1/4</b>	.65
20MBSPP-16MP	7253-60685	1 1/4-11	<b>1 1/4</b>	1-11 1/2	<b>1</b>	.70
20MBSPP-20MP	7253-60695	1 1/4-11	<b>1 1/4</b>	1 1/4-11 1/2	<b>1 1/4</b>	.70
20MBSPP-24MP	7253-60705	1 1/4-11	<b>1 1/4</b>	1 1/2-11 1/2	<b>1 1/2</b>	.85
24MBSPP-20MP	7253-60715	1 1/2-11	<b>1 1/2</b>	1 1/4-11 1/2	<b>1 1/4</b>	.85
24MBSPP-24MP	7253-60725	1 1/2-11	<b>1 1/2</b>	1 1/2-11 1/2	<b>1 1/2</b>	1.00
32MBSPP-32MP	7253-60735	2-11	<b>2</b>	2-11 1/2	<b>2</b>	1.40



# ADAPTADORES

## MACHO BSPP - HEMBRA NPTF



Descr.	Prod. No.	Macho Bspp		Hembra Nptf		Lbs.
		"	"	"	"	
2MBSPP-2FP	7253-60745	1/8-28	<b>1/8</b>	1/8-27	<b>1/8</b>	.05
2MBSPP-4FP	7253-60755	1/8-28	<b>1/8</b>	1/4-18	<b>1/4</b>	.05
4MBSPP-2FP	7253-60765	1/4-19	<b>1/4</b>	1/8-27	<b>1/8</b>	.10
4MBSPP-4FP	7253-60775	1/4-19	<b>1/4</b>	1/4-18	<b>1/4</b>	.05
4MBSPP-6FP	7253-60785	1/4-19	<b>1/4</b>	3/8-18	<b>3/8</b>	.15
6MBSPP-2FP	7253-60795	3/8-19	<b>3/8</b>	1/8-27	<b>1/8</b>	.15
6MBSPP-4FP	7253-60805	3/8-19	<b>3/8</b>	1/4-18	<b>1/4</b>	.15
6MBSPP-6FP	7253-60815	3/8-19	<b>3/8</b>	3/8-18	<b>3/8</b>	.10
8MBSPP-4FP	7253-60825	1/2-14	<b>1/2</b>	1/4-18	<b>1/4</b>	.20
8MBSPP-6FP	7253-60835	1/2-14	<b>1/2</b>	3/8-18	<b>3/8</b>	.25
8MBSPP-8FP	7253-60845	1/2-14	<b>1/2</b>	1/2-14	<b>1/2</b>	.25
12MBSPP-8FP	7253-60855	3/4-14	<b>3/4</b>	1/2-14	<b>1/2</b>	.35
12MBSPP-12FP	7253-60865	3/4-14	<b>3/4</b>	3/4-14	<b>3/4</b>	.35
16MBSPP-16FP	7253-60875	1-11	<b>1</b>	1-11 1/2	<b>1</b>	.55
20MBSPP-16FP	7253-60885	1 1/4-11	<b>1 1/4</b>	1-11 1/2	<b>1</b>	1.30
20MBSPP-20FP	7253-60895	1 1/4-11	<b>1 1/4</b>	1 1/4-11 1/2	<b>1 1/4</b>	1.00
24MBSPP-20FP	7253-60905	1 1/2-11	<b>1 1/2</b>	1 1/4-11 1/2	<b>1 1/4</b>	1.30
24MBSPP-24FP	7253-60915	1 1/2-11	<b>1 1/2</b>	1 1/2-11 1/2	<b>1 1/2</b>	1.10
32MBSPP-32FP	7253-60925	2-11	<b>2</b>	2-11 1/2	<b>2</b>	1.60

# ADAPTADORES

## MACHO BSPP - MACHO JIC



Descr.	Prod. No.	Macho Bsp		Macho Jic		Lbs.
		"	"	"	"	
2MBSPP-4MJ	7253-60935	1/8-28	<b>1/8</b>	7/16-20	<b>1/4</b>	.02
2MBSPP-5MJ	7253-60945	1/8-28	<b>1/8</b>	1/2-20	<b>5/16</b>	.02
2MBSPP-6MJ	7253-60955	1/8-28	<b>1/8</b>	9/16-18	<b>3/8</b>	.05
4MBSPP-4MJ	7253-15015	1/4-19	<b>1/4</b>	7/16-20	<b>1/4</b>	.12
4MBSPP-5MJ	7253-60965	1/4-19	<b>1/4</b>	1/2-20	<b>5/16</b>	.05
4MBSPP-6MJ	7253-60975	1/4-19	<b>1/4</b>	9/16-18	<b>3/8</b>	.05
4MBSPP-8MJ	7253-60985	1/4-19	<b>1/4</b>	3/4-16	<b>1/2</b>	.10
6MBSPP-4MJ	7253-60995	3/8-19	<b>3/8</b>	7/16-20	<b>1/4</b>	.05
6MBSPP-5MJ	7253-61005	3/8-19	<b>3/8</b>	1/2-20	<b>5/16</b>	.05
6MBSPP-6MJ	7253-15025	3/8-19	<b>3/8</b>	9/16-18	<b>3/8</b>	.02
6MBSPP-8MJ	7253-61015	3/8-19	<b>3/8</b>	3/4-16	<b>1/2</b>	.10
8MBSPP-6MJ	7253-61025	1/2-14	<b>1/2</b>	9/16-18	<b>3/8</b>	.10
8MBSPP-8MJ	7253-15035	1/2-14	<b>1/2</b>	3/4-16	<b>1/2</b>	.20
8MBSPP-10MJ	7253-61035	1/2-14	<b>1/2</b>	7/8-14	<b>5/8</b>	.15
8MBSPP-12MJ	7253-61045	1/2-14	<b>1/2</b>	1 1/16-12	<b>3/4</b>	.20
10MBSPP-8MJ	7253-61055	5/8-14	<b>5/8</b>	3/4-16	<b>1/2</b>	.15
10MBSPP-10MJ	7253-15045	5/8-14	<b>5/8</b>	7/8-14	<b>5/8</b>	.20
10MBSPP-12MJ	7253-61065	5/8-14	<b>5/8</b>	1 1/16-12	<b>3/4</b>	.20
12MBSPP-8MJ	7253-61075	3/4-14	<b>3/4</b>	3/4-16	<b>1/2</b>	.20
12MBSPP-10MJ	7253-61085	3/4-14	<b>3/4</b>	7/8-14	<b>5/8</b>	.25
12MBSPP-12MJ	7253-15055	3/4-14	<b>3/4</b>	1 1/16-12	<b>3/4</b>	.22
12MBSPP-14MJ	7253-61095	3/4-14	<b>3/4</b>	1 3/16-12	<b>7/8</b>	.25
12MBSPP-16MJ	7253-61105	3/4-14	<b>3/4</b>	1 5/16-12	<b>1</b>	.35
16MBSPP-12MJ	7253-61115	1-11	<b>1</b>	1 1/16-12	<b>3/4</b>	.40
16MBSPP-14MJ	7253-61125	1-11	<b>1</b>	1 3/16-12	<b>7/8</b>	.45
16MBSPP-16MJ	7253-15065	1-11	<b>1</b>	1 5/16-12	<b>1</b>	.64
16MBSPP-20MJ	7253-61135	1-11	<b>1</b>	1 5/8-12	<b>1 1/4</b>	.60
20MBSPP-16MJ	7253-61145	1 1/4-11	<b>1 1/4</b>	1 5/16-12	<b>1</b>	.60
20MBSPP-20MJ	7253-61155	1 1/4-11	<b>1 1/4</b>	1 5/8-12	<b>1 1/4</b>	.70
20MBSPP-24MJ	7253-61165	1 1/4-11	<b>1 1/4</b>	1 7/8-12	<b>1 1/2</b>	.85
24MBSPP-20MJ	7253-61175	1 1/2-11	<b>1 1/2</b>	1 5/8-12	<b>1 1/4</b>	.90
24MBSPP-24MJ	7253-61185	1 1/2-11	<b>1 1/2</b>	1 7/8-12	<b>1 1/2</b>	.95
32MBSPP-32MJ	7253-61195	2-11	<b>2</b>	2 1/2-12	<b>2</b>	1.90

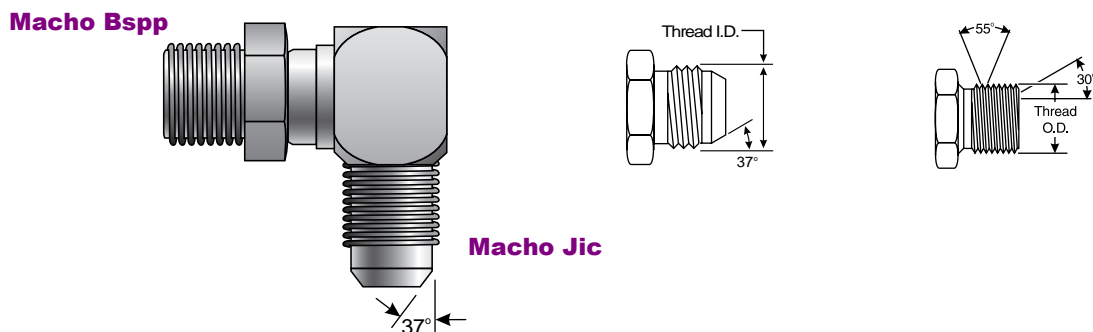
# ADAPTADORES

## MACHO BSPP - MACHO JIC - 45°



Descr.	Prod. No.	Macho Bsp		Macho Jic		Lbs.
		"	"	"	"	
2MBSPP-4MJ45	7253-61205	1/8-28	<b>1/8</b>	7/16-20	<b>1/2</b>	.05
4MBSPP-4MJ45	7253-61215	1/4-19	<b>1/4</b>	7/16-20	<b>1/4</b>	.10
4MBSPP-6MJ45	7253-61225	1/4-19	<b>1/4</b>	9/16-18	<b>3/8</b>	.10
6MBSPP-6MJ45	7253-61235	3/8-19	<b>3/8</b>	9/16-18	<b>3/8</b>	.15
6MBSPP-8MJ45	7253-61245	3/8-19	<b>3/8</b>	3/4-16	<b>1/2</b>	.20
8MBSPP-8MJ45	7253-61255	1/2-14	<b>1/2</b>	3/4-16	<b>1/2</b>	.25
8MBSPP-10MJ45	7253-61265	1/2-14	<b>1/2</b>	7/8-14	<b>5/8</b>	.30
8MBSPP-12MJ45	7253-61275	1/2-14	<b>1/2</b>	1 1/16-12	<b>3/4</b>	.45
12MBSPP-12MJ45	7253-61285	3/4-14	<b>3/4</b>	1 1/16-12	<b>3/4</b>	.55
16MBSPP-16MJ45	7253-61295	1-11	<b>1</b>	1 5/16-12	<b>1</b>	.85

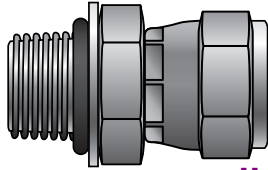
## MACHO BSPP - MACHO JIC - 90°



Descr.	Prod. No.	Macho Bsp		Macho Jic		Lbs.
		"	"	"	"	
2MBSPP-4MJ90	7253-61305	1/8-28	<b>1/8</b>	7/16-20	<b>1/4</b>	.05
4MBSPP-4MJ90	7253-61315	1/4-19	<b>1/4</b>	7/16-20	<b>1/4</b>	.10
4MBSPP-5MJ90	7253-61325	1/4-19	<b>1/4</b>	1/2-20	<b>5/16</b>	.10
4MBSPP-6MJ90	7253-61335	1/4-19	<b>1/4</b>	9/16-18	<b>3/8</b>	.10
4MBSPP-8MJ90	7253-61345	1/4-19	<b>1/4</b>	3/4-16	<b>1/2</b>	.20
6MBSPP-4MJ90	7253-61355	3/8-19	<b>3/8</b>	7/16-20	<b>1/4</b>	.20
6MBSPP-5MJ90	7253-61365	3/8-19	<b>3/8</b>	1/2-20	<b>5/16</b>	.20
6MBSPP-8MJ90	7253-61385	3/8-19	<b>3/8</b>	3/4-16	<b>1/2</b>	.20
8MBSPP-6MJ90	7253-61395	1/2-14	<b>1/2</b>	9/16-18	<b>3/8</b>	.30
8MBSPP-10MJ90	7253-61415	1/2-14	<b>1/2</b>	7/8-14	<b>5/8</b>	.35
8MBSPP-12MJ90	7253-61425	1/2-14	<b>1/2</b>	1 1/16-12	<b>3/4</b>	.55
12MBSPP-8MJ90	7253-61435	3/4-14	<b>3/4</b>	3/4-16	<b>1/2</b>	.60
12MBSPP-10MJ90	7253-61445	3/4-14	<b>3/4</b>	7/8-14	<b>5/8</b>	.65
12MBSPP-16MJ90	7253-61465	3/4-14	<b>3/4</b>	1 5/16-12	<b>1</b>	.90
16MBSPP-12MJ90	7253-61475	1-11	<b>1</b>	1 1/16-12	<b>3/4</b>	.95
16MBSPP-16MJ90	7253-61485	1-11	<b>1</b>	1 5/16-12	<b>1</b>	.95
16MBSPP-20MJ90	7253-61495	1-11	<b>1</b>	1 5/8-12	<b>1 1/4</b>	1.45
20MBSPP-16MJ90	7253-61505	1 1/2-11	<b>1 1/4</b>	1 5/16-12	<b>1</b>	1.55
20MBSPP-20MJ90	7253-61515	1 1/2-11	<b>1 1/4</b>	1 5/8-12	<b>1 1/4</b>	1.55
24MBSPP-24MJ90	7253-61525	1 1/2-11	<b>1 1/2</b>	1 7/8-12	<b>1 1/2</b>	2.10

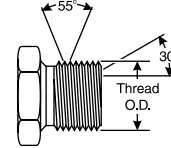
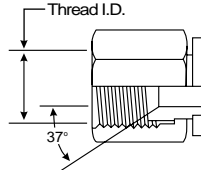
# ADAPTADORES

## MACHO BSPP - HEMBRA JIC GIRATORIA



**Macho Bsp**

**Hembra Jic**



Descr.	Prod. No.	Macho Bsp		Hembra Jic		Lbs.
		"	"	"	"	
2MBSPP-4FJX	7253-61535	1/8-28	<b>1/8</b>	7/16-20	<b>1/4</b>	.01
4MBSPP-4FJX	7253-15125	1/4-19	<b>1/4</b>	7/16-20	<b>1/4</b>	.07
4MBSPP-5FJX	7253-61545	1/4-19	<b>1/4</b>	1/2-20	<b>5/16</b>	.05
4MBSPP-6FJX	7253-61555	1/4-19	<b>1/4</b>	9/16-18	<b>3/8</b>	.05
6MBSPP-4FJX	7253-61565	3/8-19	<b>3/8</b>	7/16-20	<b>3/4</b>	.05
6MBSPP-6FJX	7253-15135	3/8-19	<b>3/8</b>	9/16-18	<b>3/8</b>	.14
6MBSPP-8FJX	7253-61575	3/8-19	<b>3/8</b>	3/4-16	<b>1/2</b>	.15
8MBSPP-4FJX	7253-61585	1/2-14	<b>1/2</b>	7/16-20	<b>1/4</b>	.10
8MBSPP-6FJX	7253-61595	1/2-14	<b>1/2</b>	9/16-18	<b>3/8</b>	.15
8MBSPP-8FJX	7253-15145	1/2-14	<b>1/2</b>	3/4-16	<b>1/2</b>	.17
8MBSPP-10FJX	7253-61605	1/2-14	<b>1/2</b>	7/8-14	<b>5/8</b>	.15
8MBSPP-12FJX	7253-61615	1/2-14	<b>1/2</b>	1 1/16-12	<b>3/4</b>	.30
10MBSPP-8FJX	7253-61625	5/8-14	<b>5/8</b>	3/4-16	<b>1/2</b>	.15
10MBSPP-10FJX	7253-15155	5/8-14	<b>5/8</b>	7/8-14	<b>5/8</b>	.02
12MBSPP-8FJX	7253-61635	3/4-14	<b>3/4</b>	3/4-16	<b>1/2</b>	.25
12MBSPP-12FJX	7253-15165	3/4-14	<b>3/4</b>	1 1/16-12	<b>3/4</b>	.43
12MBSPP-16FJX	7253-61645	3/4-14	<b>3/4</b>	1 5/16-12	<b>1</b>	.50
16MBSPP-16FJX	7253-15175	1-11	<b>1</b>	1 5/16-12	<b>1</b>	.69
16MBSPP-20FJX	7253-61655	1-11	<b>1</b>	1 5/8-12	<b>1 1/4</b>	.85
20MBSPP-16FJX	7253-61665	1 1/4-11	<b>1 1/4</b>	1 5/16-12	<b>1</b>	.80
20MBSPP-20FJX	7253-61675	1 1/4-11	<b>1 1/4</b>	1 5/8-12	<b>1 1/4</b>	.90
24MBSPP-24FJX	7253-61685	1 1/2-11	<b>1 1/2</b>	1 7/8-12	<b>1 1/2</b>	1.30
32MBSPP-32FJX	7253-61695	2-11	<b>2</b>	2 1/2-12	<b>2</b>	2.15

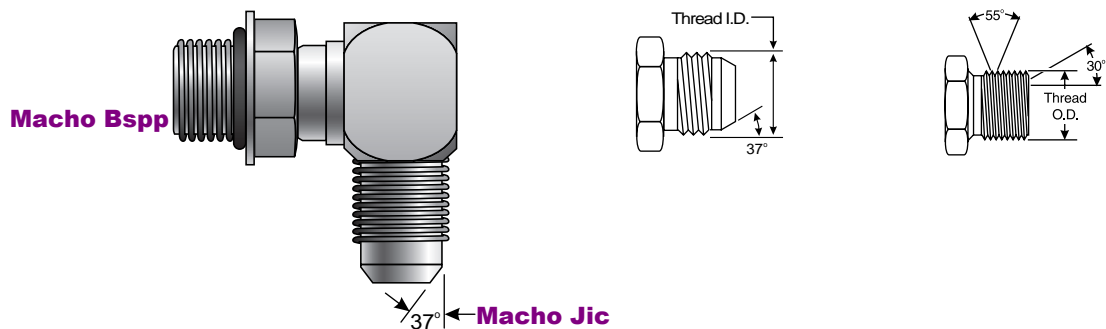
# ADAPTADORES

## MACHO BSPP CON ORING - MACHO JIC



Descr.	Prod. No.	Macho Bspp		Macho Jic		Lbs.
		"	"	"	"	
2MBSPPOR-4MJ	7253-14005	1/8-28	<b>1/8</b>	7/16-20	<b>1/4</b>	.10
4MBSPPOR-4MJ	7253-14015	1/4-19	<b>1/4</b>	7/16-20	<b>1/4</b>	.16
4MBSPPOR-5MJ	7253-61705	1/4-19	<b>1/4</b>	1/2-20	<b>5/16</b>	.05
4MBSPPOR-6MJ	7253-14025	1/4-19	<b>1/4</b>	9/16-18	<b>3/8</b>	.14
6MBSPPOR-4MJ	7253-14035	3/8-19	<b>3/8</b>	7/16-20	<b>1/4</b>	.02
6MBSPPOR-5MJ	7253-61715	3/8-19	<b>3/8</b>	1/2-20	<b>5/16</b>	.10
6MBSPPOR-6MJ	7253-14045	3/8-19	<b>3/8</b>	9/16-18	<b>3/8</b>	.02
6MBSPPOR-8MJ	7253-14055	3/8-19	<b>3/8</b>	3/4-16	<b>1/2</b>	.02
8MBSPPOR-6MJ	7253-14075	1/2-14	<b>1/2</b>	9/16-18	<b>3/8</b>	.20
8MBSPPOR-8MJ	7253-14085	1/2-14	<b>1/2</b>	3/4-16	<b>1/2</b>	.20
8MBSPPOR-10MJ	7253-61725	1/2-14	<b>1/2</b>	7/8-14	<b>5/8</b>	.20
8MBSPPOR-12MJ	7253-14605	1/2-14	<b>1/2</b>	1 1/16-12	<b>3/4</b>	.32
12MBSPPOR-8MJ	7253-61735	3/4-14	<b>3/4</b>	3/4-16	<b>1/2</b>	.35
12MBSPPOR-10MJ	7253-61745	3/4-14	<b>3/4</b>	7/8-14	<b>5/8</b>	.35
12MBSPPOR-12MJ	7253-14095	3/4-14	<b>3/4</b>	1 1/16-12	<b>3/4</b>	.40
12MBSPPOR-16MJ	7253-61755	3/4-14	<b>3/4</b>	1 5/16-12	<b>1</b>	.40
16MBSPPOR-12MJ	7253-61765	1-11	<b>1</b>	1 1/16-12	<b>3/4</b>	.50
16MBSPPOR-16MJ	7253-14105	1-11	<b>1</b>	1 5/16-12	<b>1</b>	.20
20MBSPPOR-20MJ	7253-14115	1 1/4-11	<b>1 1/4</b>	1 5/8-12	<b>1 1/4</b>	.94
20MBSPPOR-24MJ	7253-61775	1 1/2-11	<b>1 1/4</b>	1 7/8-12	<b>1 1/2</b>	.95
24MBSPPOR-24MJ	7253-61785	1 1/2-11	<b>1 1/2</b>	1 7/8-12	<b>1 1/2</b>	1.25

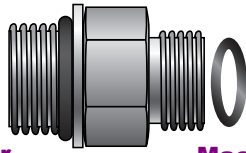
## MACHO BSPP CON ORING - MACHO JIC - 90°



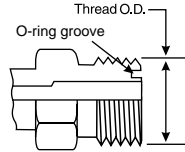
Descr.	Prod. No.	Macho Bspp		Macho Jic		Lbs.
		"	"	"	"	
6MBSPPOR-6MJ90	7253-14505	3/8-19	<b>3/8</b>	9/16-18	<b>3/8</b>	.27
8MBSPPOR-8MJ90	7253-14515	1/2-14	<b>1/2</b>	3/4-16	<b>1/2</b>	.23
12MBSPPOR-12MJ90	7253-14525	3/4-14	<b>3/4</b>	1 1/2-12	<b>3/4</b>	.72

# ADAPTADORES

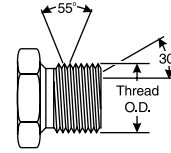
## MACHO BSPP CON ORING - MACHO ASIEN TO PLANO



**Macho Bspor**

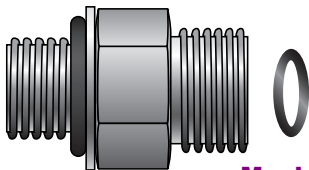


**Macho FFOR**

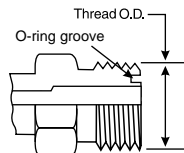


Descr.	Prod. No.	Macho Bspor		Macho FFOR		Lbs.
		"	"	"	"	
2MBSPPOR-4MFFOR	7253-61795	1/8-28	<b>1/8</b>	1/4-18	<b>1/4</b>	.05
4MBSPPOR-4MFFOR	7253-61805	1/4-19	<b>1/4</b>	1/4-18	<b>1/4</b>	.05
4MBSPPOR-6MFFOR	7253-61815	1/4-19	<b>1/4</b>	3/8-16	<b>3/8</b>	.05
6MBSPPOR-6MFFOR	7253-61825	3/8-19	<b>3/8</b>	3/8-16	<b>3/8</b>	.15
6MBSPPOR-8MFFOR	7253-61835	3/8-19	<b>3/8</b>	1/2-16	<b>1/2</b>	.15
8MBSPPOR-6MFFOR	7253-61845	1/2-14	<b>1/2</b>	3/8-16	<b>3/8</b>	.20
8MBSPPOR-8MFFOR	7253-61855	1/2-14	<b>1/2</b>	1/2-16	<b>1/2</b>	.15
8MBSPPOR-10MFFOR	7253-61865	1/2-14	<b>1/2</b>	5/8-14	<b>5/8</b>	.20
12MBSPPOR-12MFFOR	7253-61875	3/4-14	<b>3/4</b>	3/4-12	<b>3/4</b>	.40
12MBSPPOR-16MFFOR	7253-61885	3/4-14	<b>3/4</b>	1-12	<b>1</b>	.55
16MBSPPOR-12MFFOR	7253-61895	1-11	<b>1</b>	3/4-12	<b>3/4</b>	.55
16MBSPPOR-16MFFOR	7253-61905	1-11	<b>1</b>	1-12	<b>1</b>	.55
20MBSPPOR-20MFFOR	7253-61915	1 1/4-11	<b>1 1/4</b>	1 1/4-12	<b>1 1/4</b>	.90
24MBSPPOR-24MFFOR	7253-61925	1 1/2-11	<b>1 1/2</b>	1 1/2-12	<b>1 1/2</b>	1.25

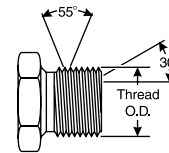
## MACHO BSPP CON ORING - MACHO ASIEN TO PLANO (LARGO)



**Macho Bspor**



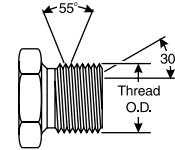
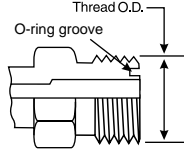
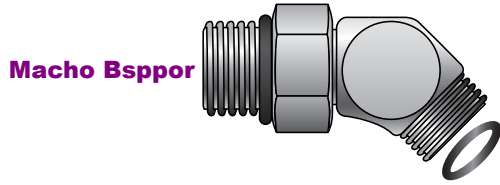
**Macho FFOR**



Descr.	Prod. No.	Macho Bspor		Macho FFOR		Lbs.
		"	"	"	"	
6MBSPPOR-8MFFORL	7253-61935	3/8-19	<b>3/9</b>	1/2-16	<b>1/2</b>	.25
8MBSPPOR-8MFFORL	7253-61945	1/2-14	<b>1/2</b>	1/2-16	<b>1/2</b>	.35
8MBSPPOR-10MFFORL	7253-61955	1/2-14	<b>1/2</b>	5/8-14	<b>5/8</b>	.45
12MBSPPOR-10MFFORL	7253-61965	3/4-14	<b>3/4</b>	5/8-14	<b>5/8</b>	.65
12MBSPPOR-12MFFORL	7253-61975	3/4-14	<b>3/4</b>	3/4-12	<b>3/4</b>	.85
16MBSPPOR-16MFFORL	7253-61985	1-11	<b>1</b>	1-12	<b>1</b>	1.25
20MBSPPOR-20MFFORL	7253-61995	1 1/4-11	<b>1 1/4</b>	1 1/4-12	<b>1 1/4</b>	2.00

# ADAPTADORES

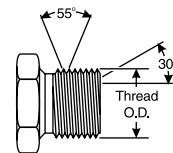
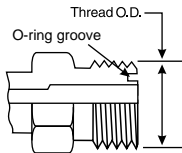
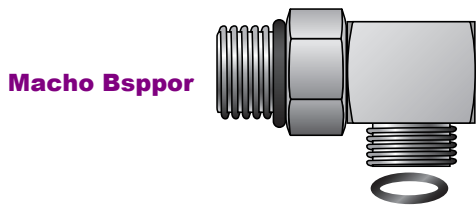
## MACHO BSPP CON ORING - MACHO ASIEN TO PLANO - 45°



**Macho FFOR**

Descr.	Prod. No.	Macho Bsporr		Macho FFOR		Lbs.
		"	"	"	"	
2MBSPPOR-4MFFOR45	7253-62005	1/8-28	<b>1/8</b>	1/4-18	<b>1/4</b>	.05
4MBSPPOR-4MFFOR45	7253-62015	1/4-19	<b>1/4</b>	1/4-18	<b>1/4</b>	.15
4MBSPPOR-6MFFOR45	7253-62025	1/4-19	<b>1/4</b>	3/8-16	<b>3/8</b>	.15
6MBSPPOR-6MFFOR45	7253-62035	3/8-19	<b>3/8</b>	3/8-16	<b>3/8</b>	.20
6MBSPPOR-8MFFOR45	7253-62045	3/8-19	<b>3/8</b>	1/2-16	<b>1/2</b>	.20
8MBSPPOR-8MFFOR45	7253-62055	1/2-14	<b>1/2</b>	1/2-16	<b>1/2</b>	.35
8MBSPPOR-10MFFOR45	7253-62065	1/2-14	<b>1/2</b>	5/8-14	<b>5/8</b>	.40

## MACHO BSPP CON ORING - MACHO ASIEN TO PLANO - 90°

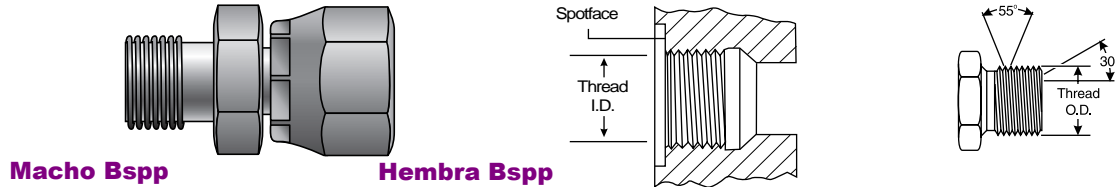


**Macho FFOR**

Descr.	Prod. No.	Macho Bsporr		Macho FFOR		Lbs.
		"	"	"	"	
2MBSPPOR-4MFFOR90	7253-62075	1/8-28	<b>1/8</b>	1/4-18	<b>1/4</b>	.10
4MBSPPOR-4MFFOR90	7253-62085	1/4-19	<b>1/4</b>	1/4-18	<b>1/4</b>	.20
4MBSPPOR-6MFFOR90	7253-62095	1/4-19	<b>1/4</b>	3/8-16	<b>3/8</b>	.20
4MBSPPOR-8MFFOR90	7253-62105	1/4-19	<b>1/4</b>	1/2-16	<b>1/2</b>	.20
6MBSPPOR-6MFFOR90	7253-62115	3/8-19	<b>3/8</b>	3/8-16	<b>3/8</b>	.25
6MBSPPOR-8MFFOR90	7253-62125	3/8-19	<b>3/8</b>	1/2-16	<b>1/2</b>	.25
8MBSPPOR-6MFFOR90	7253-62135	1/2-14	<b>1/2</b>	3/8-16	<b>3/8</b>	.50
8MBSPPOR-8MFFOR90	7253-62145	1/2-14	<b>1/2</b>	1/2-16	<b>1/2</b>	.55
8MBSPPOR-10MFFOR90	7253-62155	1/2-14	<b>1/2</b>	5/8-14	<b>5/8</b>	.55
8MBSPPOR-12MFFOR90	7253-62165	1/2-14	<b>1/2</b>	3/4-12	<b>3/4</b>	.70
12MBSPPOR-12MFFOR90	7253-62175	3/4-14	<b>3/4</b>	3/4-12	<b>3/4</b>	.85
12MBSPPOR-16MFFOR90	7253-62185	3/4-14	<b>3/4</b>	1-12	<b>1</b>	1.20
16MBSPPOR-12MFFOR90	7253-62195	1-11	<b>1</b>	3/4-12	<b>3/4</b>	1.40
16MBSPPOR-16MFFOR90	7253-62205	1-11	<b>1</b>	1-12	<b>1</b>	1.30
20MBSPPOR-16MFFOR90	7253-62215	1 1/4-11	<b>1 1/4</b>	1-12	<b>1</b>	1.65
20MBSPPOR-20MFFOR90	7253-62225	1 1/4-11	<b>1 1/4</b>	1 1/4-12	<b>1 1/4</b>	1.70
24MBSPPOR-24MFFOR90	7253-62235	1 1/2-11	<b>1 1/2</b>	1 1/2-12	<b>1 1/2</b>	2.35

# ADAPTADORES

## MACHO BSPG - HEMBRA BSPG GIRATORIA

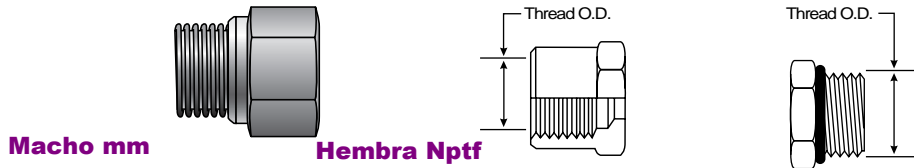


Descr.	Prod. No.	Macho Bspg		Hembra Bspg		Lbs.
		"	"	"	"	
2MBSPP-2FBSPPX	7253-63775	1/8-28	<b>1/8</b>	1/8-28	<b>1/8</b>	.05
2MBSPP-4FBSPPX	7253-63785	1/8-28	<b>1/8</b>	1/4-19	<b>1/4</b>	.05
4MBSPP-2FBSPPX	7253-63795	1/4-19	<b>1/4</b>	1/8-28	<b>1/8</b>	.05
4MBSPP-4FBSPPX	7253-15185	1/4-19	<b>1/4</b>	1/4-19	<b>1/4</b>	.10
4MBSPP-6FBSPPX	7253-63805	1/4-19	<b>1/4</b>	3/8-19	<b>3/8</b>	.10
4MBSPP-8FBSPPX	7253-63815	1/4-19	<b>1/4</b>	1/2-14	<b>1/2</b>	.15
6MBSPP-4FBSPPX	7253-63825	3/8-19	<b>3/8</b>	1/4-19	<b>1/4</b>	.10
6MBSPP-6FBSPPX	7253-15195	3/8-19	<b>3/8</b>	3/8-19	<b>3/8</b>	.03
6MBSPP-8FBSPPX	7253-63835	3/8-19	<b>3/8</b>	1/2-14	<b>1/2</b>	.25
8MBSPP-6FBSPPX	7253-63845	1/2-14	<b>1/2</b>	3/8-19	<b>3/8</b>	.15
8MBSPP-8FBSPPX	7253-15205	1/2-14	<b>1/2</b>	1/2-14	<b>1/2</b>	.21
8MBSPP-10FBSPPX	7253-63855	1/2-14	<b>1/2</b>	5/8-14	<b>5/8</b>	.20
8MBSPP-12FBSPPX	7253-63865	1/2-14	<b>1/2</b>	3/4-14	<b>3/4</b>	.35
10MBSPP-8FBSPPX	7253-63875	5/8-14	<b>5/8</b>	1/2-14	<b>1/2</b>	.25
10MBSPP-10FBSPPX	7253-15215	5/8-14	<b>5/8</b>	7/8-14	<b>5/8</b>	.21
10MBSPP-12FBSPPX	7253-63885	5/8-14	<b>5/8</b>	3/4-14	<b>3/4</b>	.30
12MBSPP-6FBSPPX	7253-63895	3/4-14	<b>3/4</b>	3/8-19	<b>3/8</b>	.30
12MBSPP-8FBSPPX	7253-63905	3/4-14	<b>3/4</b>	1/2-14	<b>1/2</b>	.30
12MBSPP-10FBSPPX	7253-63915	3/4-14	<b>3/4</b>	5/8-14	<b>5/8</b>	.30
12MBSPP-12FBSPPX	7253-15225	3/4-14	<b>3/4</b>	3/4-14	<b>3/4</b>	.40
12MBSPP-16FBSPPX	7253-63925	3/4-14	<b>3/4</b>	1-11	<b>1</b>	.45
12MBSPP-20FBSPPX	7253-63935	3/4-14	<b>3/4</b>	1 1/4-11	<b>1 1/4</b>	.90
16MBSPP-12FBSPPX	7253-63945	1-11	<b>1</b>	3/4-14	<b>3/4</b>	.55
16MBSPP-16FBSPPX	7253-15235	1-11	<b>1</b>	1-11	<b>1</b>	.62
16MBSPP-20FBSPPX	7253-63955	1-11	<b>1</b>	1 1/4-11	<b>1 1/4</b>	.85
20MBSPP-16FBSPPX	7253-63965	1 1/4-11	<b>1 1/4</b>	1-11	<b>1</b>	.85
20MBSPP-20FBSPPX	7253-63975	1 1/4-11	<b>1 1/4</b>	1 1/4-11	<b>1 1/4</b>	.95
20MBSPP-24FBSPPX	7253-63985	1 1/4-11	<b>1 1/4</b>	1 1/2-11	<b>1 1/2</b>	1.15
24MBSPP-20FBSPPX	7253-63995	1 1/2-11	<b>1 1/2</b>	1 1/4-11	<b>1 1/4</b>	1.05
24MBSPP-24FBSPPX	7253-64005	1 1/2-11	<b>1 1/2</b>	1 1/2-11	<b>1 1/2</b>	1.30
32MBSPP-32FBSPPX	7253-64015	2-11	<b>2</b>	2-11	<b>2</b>	2.15



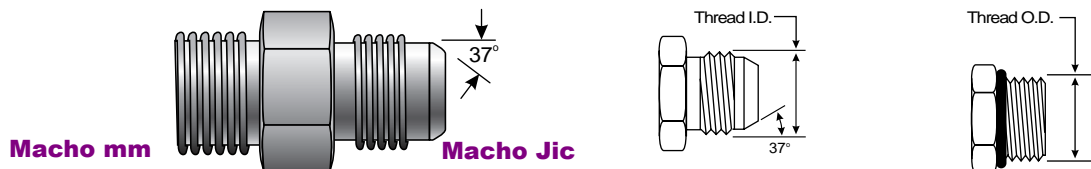
# ADAPTADORES

## MACHO MILIMETRICO CON ORING - HEMBRA NPTF



Descr.	Prod. No.	Macho mm		Hembra Nptf	
				"	Lbs.
10MM-2FP	7253-62785	M10X1.5	1/8-27	1/8	.05
12MM-2FP	7253-62795	M12X1.5	1/8-27	1/8	.03
12MM-4FP	7253-62805	M12X1.5	1/4-18	1/4	.05
12MM-6FP	7253-62815	M12X1.5	3/8-18	3/8	.10
14MM-4FP	7253-62825	M14X1.5	1/4-18	1/4	.05
16MM-6FP	7253-62835	M16X1.5	3/8-18	3/8	.10
16MM-8FP	7253-62845	M16X1.5	1/2-14	1/2	.25
18MM-6FP	7253-62855	M18X1.5	3/8-18	3/8	.15
18MM-8FP	7253-62865	M18X1.5	1/2-14	1/2	.25
20MM-4FP	7253-62875	M20X1.5	1/4-18	1/4	.30
20MM-6FP	7253-62885	M20X1.5	3/8-18	3/8	.30
20MM-8FP	7253-62895	M20X1.5	1/2-14	1/2-	.20
22MM-6FP	7253-62905	M22X1.5	3/8-18	3/8	.25
22MM-8FP	7253-62915	M22X1.5	1/2-14	1/2	.25
22MM-12FP	7253-62925	M22X1.5	3/4-14	3/4	.35
24MM-12FP	7253-62935	M24X1.5	3/4-14	3/4	.35
26MM-12FP	7253-62945	M26X1.5	3/4-14	3/4	.18
27MM-12FP	7253-62955	M27X2.0	3/4-14	3/4	.35
33MM-16FP	7253-62965	M33X2.0	1-11 1/2	1	.55

## MACHO MILIMETRICO CON ORING - MACHO JIC

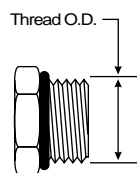
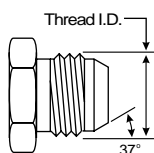
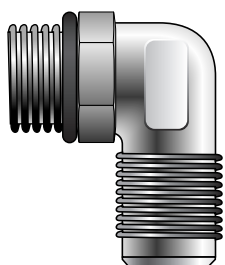


Descr.	Prod. No.	Macho mm		Macho Jic	
				"	Lbs.
10MM-4MJ	7253-14355	M10X1.0	7/16-20	1/4	.10
12MM-4MJ	7253-14365	M12X1.5	7/16-20	1/4	.14
12MM-5MJ	7253-62975	M12X1.5	1/2-20	5/16	.05
12MM-6MJ	7253-62985	M12X1.5	9/16-18	3/8	.05
14MM-4MJ	7253-62995	M14X1.5	7/16-20	1/4	.05
14MM-6MJ	7253-14375	M14X1.5	9/16-18	3/8	.02
14MM-8MJ	7253-63005	M14X1.5	3/4-16	1/2	.10
16MM-5MJ	7253-63015	M16X1.5	1/2-20	5/16	.10
16MM-6MJ	7253-14385	M16X1.5	9/16-18	3/8	.02
16MM-8MJ	7253-14395	M16X1.5	3/4-16	1/2	.02
18MM-8MJ	7253-14405	M18X1.5	3/4-16	1/2	.02
18MM-10MJ	7253-14415	M18X1.5	7/8-14	5/8	.02
20MM-10MJ	7253-14425	M20X1.5	7/8-14	5/8	.20
22MM-8MJ	7253-63025	M22X1.5	3/4-16	1/2	.20
22MM-10MJ	7253-14435	M22X1.5	7/8-14	5/8	.28
22MM-12MJ	7253-14445	M22X1.5	1 1/16-12	3/4	.34
26MM-12MJ	7253-63035	M26X1.5	1 1/16-12	3/4	.35
27MM-12MJ	7253-14455	M27X2.0	1 1/16-12	3/4	.40
27MM-16MJ	7253-63045	M27X2.0	1 5/16-12	1	.40
33MM-16MJ	7253-14465	M33X2.0	1 5/16-12	1	.42
33MM-20MJ	7253-63055	M33X2.0	1 5/8-12	1 1/4	.60
42MM-20MJ	7253-14475	M42X2.0	1 5/8-12	1 1/4	.96
48MM-24MJ	7253-63065	M48X2.0	1 7/8-12	1 1/2	1.30

# ADAPTADORES

## MACHO MILIMETRICO CON ORING - MACHO JIC - 90°

Macho mm

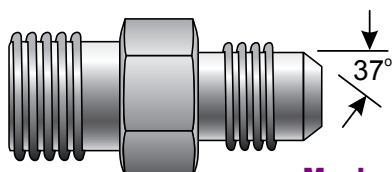


Macho Jic

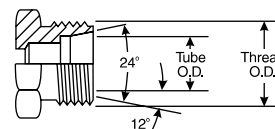
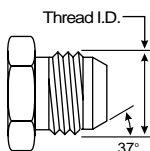
Descr.	Prod. No.	Macho mm	Macho Jic		
			"	Lbs.	
10MM-4MJ90	7253-65585	M10X1.0	7/16-20	1/4	.05
12MM-4MJ90	7253-65595	M12X1.5	7/16-20	1/4	.10
12MM-5MJ90	7253-65615	M12X1.5	1/2-20	5/16	.10
12MM-6MJ90	7253-65625	M12X1.5	9/16-18	3/8	.40
14MM-4MJ90	7253-65605	M14X1.5	7/16-20	1/4	.10
14MM-6MJ90	7253-65635	M14X1.5	9/16-18	3/8	.10
16MM-6MJ90	7253-65645	M16X1.5	9/16-18	3/8	.20
16MM-8MJ90	7253-65655	M16X1.5	3/4-16	1/2	.20
18MM-8MJ90	7253-65665	M18X1.5	3/4-16	1/2	.25
18MM-10MJ90	7253-65685	M18X1.5	7/8-14	5/8	.35
20MM-10MJ90	7253-65695	M20X1.5	7/8-14	5/8	.35
22MM-8MJ90	7253-65675	M22X1.5	3/4-16	1/2	.35
22MM-10MJ90	7253-65705	M22X1.5	7/8-14	5/8	.35
22MM-12MJ90	7253-65715	M22X1.5	1 1/16-12	3/4	.55
26MM-12MJ90	7253-65725	M26X1.5	1 1/16-12	3/4	.65
27MM-16MJ90	7253-65735	M27X2.0	1 5/16-12	1	.95
33MM-16MJ90	7253-65745	M33X2.0	1 5/16-12	1	.95
42MM-20MJ90	7253-65755	M42X2.0	1 5/8-12	1 1/4	1.60

## MACHO MILIMETRICO SERIE LIVIANA - MACHO JIC

Macho mm



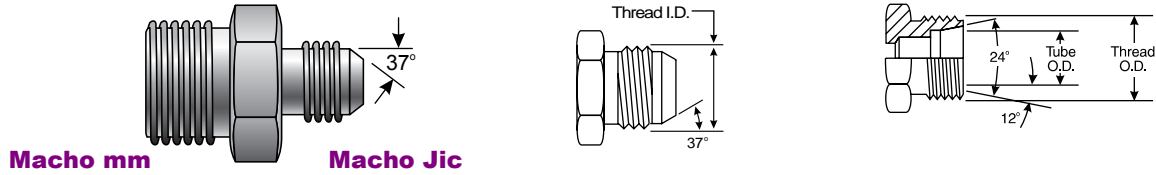
Macho Jic



Descr.	Prod. No.	Macho mm	Macho Jic		
			"	Lbs.	
6MDL-4MJ	7253-63075	M12X1.5	7/16-20	1/4	.05
8MDL-4MJ	7253-15365	M14X1.5	7/16-20	1/4	.08
8MDL-6MJ	7253-63095	M14X1.5	9/16-18	3/8	.05
10MDL-4MJ	7253-63105	M16X1.5	7/16-20	1/4	.05
10MDL-6MJ	7253-15375	M16X1.5	9/16-18	3/8	.09
10MDL-8MJ	7253-63115	M16X1.5	3/4-16	1/2	.10
12MDL-6MJ	7253-15585	M18X1.5	9/16-18	3/8	.21
12MDL-8MJ	7253-63135	M18X1.5	3/4-16	1/2	.15
15MDL-8MJ	7253-15385	M22X1.5	3/4-16	1/2	.02
15MDL-10MJ	7253-63145	M22X1.5	7/8-14	5/8	.20
15MDL-12MJ	7253-63155	M22X1.5	1 1/16-12	3/4	.25
18MDL-10MJ	7253-15515	M26X1.5	7/8-14	5/8	.33
18MDL-12MJ	7253-63165	M26X1.5	1 1/16-12	3/4	.30
22MDL-12MJ	7253-15395	M30X2.0	1 1/16-12	3/4	.26
28MDL-16MJ	7253-15405	M36X2.0	1 5/16-12	1	.40
35MDL-20MJ	7253-63175	M45X2.0	1 5/8-12	1 1/4	.85
42MDL-24MJ	7253-63185	M52X2.0	1 7/8-12	1 1/2	1.10

# ADAPTADORES

## MACHO MILIMETRICO SERIE PESADA - MACHO JIC



Descr.	Prod. No.	Macho mm	Macho Jic		
			"	Lbs.	
6MDH-4MJ	7253-63195	M14X1.5	7/16-20	1/4	.05
8MDH-4MJ	7253-63205	M16X1.5	7/16-20	1/4	.10
8MDH-6MJ	7253-63215	M16X1.5	9/16-18	3/8	.10
10MDH-4MJ	7253-15415	M18X1.5	7/16-20	1/4	.10
10MDH-8MJ	7253-63225	M18X1.5	3/4-16	1/2	.15
12MDH-6MJ	7253-63235	M20X1.5	9/16-18	3/8	.15
12MDH-8MJ	7253-63245	M20X1.5	3/4-16	1/2	.15
12MDH-10MJ	7253-63255	M20X1.5	7/8-14	5/8	.20
14MDH-6MJ	7253-15425	M22X1.5	9/16-18	3/8	.17
14MDH-8MJ	7253-63265	M22X1.5	3/4-16	1/2	.20
16MDH-8MJ	7253-15435	M24X1.5	3/4-16	1/2	.19
16MDH-10MJ	7253-63285	M24X1.5	1 7/8-12	5/8	.30
16MDH-12MJ	7253-63275	M24X1.5	1 1/16-12	3/4	.30
20MDH-10MJ	7253-15525	M30X2.0	7/8-14	5/8	.33
20MDH-12MJ	7253-63295	M30X2.0	1 1/16-12	3/4	.40
25MDH-12MJ	7253-15445	M36X2.0	1 1/16-12	3/4	.62
25MDH-16MJ	7253-63305	M36X2.0	1 5/16-12	1	.55
30MDH-16MJ	7253-15455	M42X2.0	1 5/16-12	1	.78
38MDH-20MJ	7253-63315	M52X2.0	1 5/8-12	1 1/4	1.20
38MDH-24MJ	7253-63325	M52X2.0	1 7/8-12	1 1/2	1.15

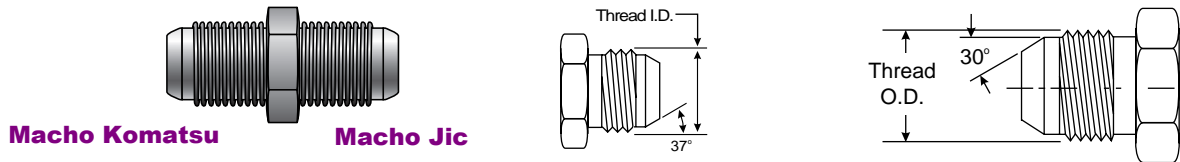
## MACHO Komatsu - MACHO Komatsu



Descr.	Prod. No.	Macho Komatsu			
4MK-4MK	7253-65765	M14X1.5	1/4	.05	
6MK-6MK	7253-65775	M18X1.5	1/4	.15	
8MK-8MK	7253-65785	M22X1.5	1/2	.25	
10MK-10MK	7253-65795	M24X1.5	5/8	.30	
12MK-12MK	7253-65805	M30X1.5	3/4	.55	
16MK-16MK	7253-65815	M33X1.5	1	.75	

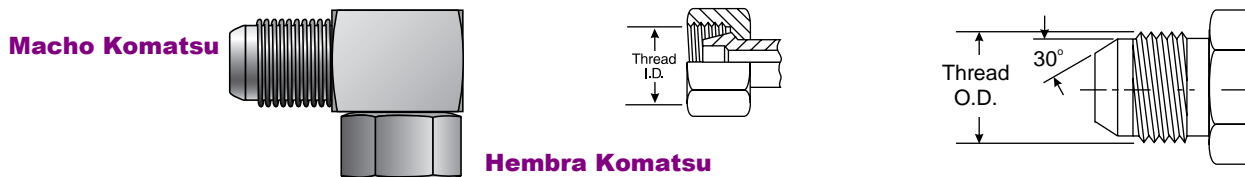
# ADAPTADORES

## MACHO Komatsu - MACHO JIC



Descr.	Prod. No.	Macho Komatsu	Macho Jic	Lbs.
			"	
4MK-4MJ	7253-65825	M14X1.5	1/2-20	.05
6MK-6MJ	7253-65835	M18X1.5	9/16-18	.10
8MK-8MJ	7253-65845	M22X1.5	3/4-16	.20
10MK-10MJ	7253-65855	M24X1.5	7/8-14	.30
12MK-12MJ	7253-65865	M30X1.5	1 1/16-12	.45
16MK-16MJ	7253-65875	M33X1.5	1 5/16-12	.60

## MACHO Komatsu - HEMBRA Komatsu - 90°

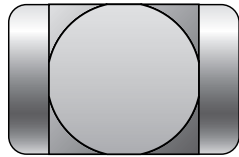


Descr.	Prod. No.	Macho Komatsu	Hembra Komatsu	Lbs.
4MK-4FK90	7253-65945	M14X1.5	M14X1.5	.15
6MK-6FK90	7253-65965	M18X1.5	M18X1.5	.25
8MK-8FK90	7253-65975	M22X1.5	M22X1.5	.35
10MK-10FK90	7253-65985	M24X1.5	M24X1.5	.60
12MK-12FK90	7253-65995	M30X1.5	M30X1.5	.90
16MK-16FK90	7253-66005	M33X1.5	M33X1.5	1.00

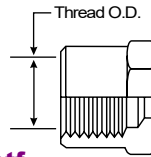
# ADAPTADORES

## HEMBRA NPTF - HEMBRA NPTF

Hembra Nptf



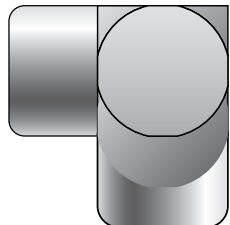
Hembra Nptf



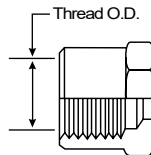
Descr.	Prod. No.	Hembra Nptf		Hembra Nptf		Lbs.
		"	"	"	"	
2FP-2FP	7259-24415	1/8-27	1/8	1/8-27	1/8	.04
4FP-2FP	7259-05035	1/4-18	1/4	1/8-27	1/8	.08
4FP-4FP	7259-24425	1/4-18	1/4	1/4-18	1/4	.08
6FP-2FP	7259-08385	3/8-18	3/8	1/8-27	1/8	.10
6FP-4FP	7259-00495	3/8-18	3/8	1/4-18	1/4	.09
6FP-6FP	7259-24435	3/8-18	3/8	3/8-18	3/8	.10
8FP-4FP	7259-05575	1/2-14	1/2	1/4-18	1/4	.28
8FP-6FP	7259-00715	1/2-14	1/2	3/8-18	3/8	.20
8FP-8FP	7259-24445	1/2-14	1/2	1/2-14	1/2	.25
12FP-8FP	7259-00525	3/4-14	3/4	1/2-14	1/2	.31
12FP-12FP	7259-24455	3/4-14	3/4	3/4-14	3/4	.33
16FP-8FP	7259-08715	1-11 1/2	1	1/2-14	1/2	.07
16FP-12FP	7259-05745	1-11 1/2	1	3/4-14	3/4	.46
16FP-16FP	7259-24465	1-11 1/2	1	1-11 1/2	1	.49
20FP-16FP	7259-08395	1 1/4-11 1/2	1 1/4	1-11 1/2	1	.89
20FP-20FP	7259-24475	1 1/4-11 1/2	1 1/4	1 1/4-11 1/2	1 1/4	1.32
24FP-24FP	7259-24885	1 1/2-11 1/2	1 1/2	1 1/2-11 1/2	1 1/2	1.32
32FP-32FP	7259-24895	2-11 1/2	2	2-11 1/2	2	1.41

## HEMBRA NPTF - HEMBRA NPTF - 90°

Hembra Nptf



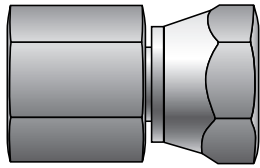
Hembra Nptf



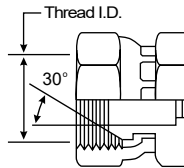
Descr.	Prod. No.	Hembra Nptf		Hembra Nptf		Lbs.
		"	"	"	"	
2FP-2FP90	7259-25015	1/8-27	1/8	1/8-27	1/8	.07
4FP-2FP90	7259-33005	1/4-18	1/4	1/8-27	1/8	.15
4FP-4FP90	7259-25025	1/4-18	1/4	1/4-18	1/4	.15
6FP-4FP90	7259-33015	3/8-18	3/8	1/4-18	1/4	.23
6FP-6FP90	7259-25035	3/8-18	3/8	3/8-18	3/8	.21
8FP-4FP90	7259-08725	1/2-14	1/2	1/4-18	1/4	.42
8FP-6FP90	7259-33025	1/2-14	1/2	3/8-18	3/8	.40
8FP-8FP90	7259-25045	1/2-14	1/2	1/2-14	1/2	.40
12FP-8FP90	7259-33035	3/4-14	3/4	1/2-14	1/2	.68
12FP-12FP90	7259-25055	3/4-14	3/4	3/4-14	3/4	.57
16FP-12FP90	7259-08175	1-11 1/2	1	3/4-14	3/4	1.14
16FP-16FP90	7259-25065	1-11 1/2	1	1-11 1/2	1	1.13
20FP-20FP90	7259-25075	1 1/4-11 1/2	1 1/4	1 1/4-11 1/2	1 1/4	1.15
24FP-24FP90	7259-33055	1 1/2-11 1/2	1 1/2	1 1/2-11 1/2	1 1/2	3.80
32FP-32FP90	7259-07485	2-11 1/2	2	2-11 1/2	2	1.68

# ADAPTADORES

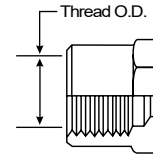
## HEMBRA NPTF - HEMBRA NPSM GIRATORIA



Hembra Nptf



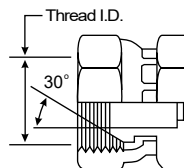
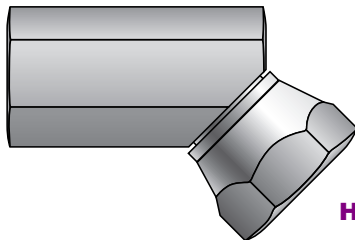
Hembra Npsm



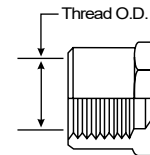
Descr.	Prod. No.	Hembra Nptf		Hembra Npsm		Lbs.
		"	"	"	"	
2FP-2FPX	7259-33065	1/8-27	1/8	1/8-27	1/8	.06
2FP-4FPX	7259-00435	1/8-27	1/8	1/4-18	1/4	.07
4FP-2FPX	7259-07515	1/4-18	1/4	1/8-27	1/8	.08
4FP-4FPX	7259-00795	1/4-18	1/4	1/4-18	1/4	.10
4FP-6FPX	7259-05205	1/4-18	1/4	3/8-18	3/8	.12
6FP-4FPX	7259-33085	3/8-18	3/8	1/4-18	1/4	.13
6FP-6FPX	7259-00835	3/8-18	3/8	3/8-18	3/8	.16
6FP-8FPX	7259-05105	3/8-18	3/8	1/2-14	1/2	.29
8FP-4FPX	7259-08735	1/2-14	1/2	1/4-18	1/4	.19
8FP-6FPX	7259-33095	1/2-14	1/2	3/8-18	3/8	.20
8FP-8FPX	7259-00915	1/2-14	1/2	1/2-14	1/2	.24
8FP-12FPX	7259-06695	1/2-14	1/2	3/4-14	3/4	.33
12FP-8FPX	7259-07165	3/4-14	3/4	1/2-14	1/2	.29
12FP-12FPX	7259-00925	3/4-14	3/4	3/4-14	3/4	.36
12FP-16FPX	7259-07775	3/4-14	3/4	1-11 1/2	1	.60
16FP-12FPX	7259-11595	1-11 1/2	1	3/4-14	3/4	.49
16FP-16FPX	7259-00905	1-11 1/2	1	1-11 1/2	1	.56
20FP-20FPX	7259-11015	1 1/4-11 1/2	1 1/4	1 1/4-11 1/2	1 1/4	.77
24FP-24FPX	7259-11545	1 1/2-11 1/2	1 1/2	1 1/2-11 1/2	1 1/2	1.01
32FP-32FPX	7259-11725	2-11 1/2	2	2-11 1/2	2	1.42

## HEMBRA NPTF - HEMBRA NPSM GIRATORIA - 45°

Hembra Nptf



Hembra Npsm

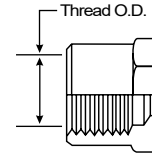
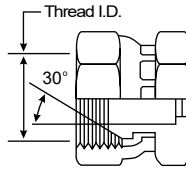
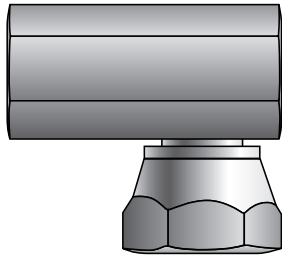


Descr.	Prod. No.	Hembra Nptf		Hembra Npsm		Lbs.
		"	"	"	"	
2FP-2FPX45	7259-06145	1/8-27	1/8	1/8-27	1/8	.07
2FP-4FPX45	7259-08745	1/8-27	1/8	1/4-18	1/4	.08
4FP-4FPX45	7259-11575	1/4-18	1/4	1/4-18	1/4	.14
6FP-4FPX45	7259-06785	3/8-18	3/8	1/4-18	1/4	.20
6FP-6FPX45	7259-11455	3/8-18	3/8	3/8-18	3/8	.22
6FP-8FPX45	7259-08185	3/8-18	3/8	1/2-14	1/2	.26
8FP-6FPX45	7259-06415	1/2-14	1/2	3/8-18	3/8	.37
8FP-8FPX45	7259-11305	1/2-14	1/2	1/2-14	1/2	.37
12FP-12FPX45	7259-11325	3/4-14	3/4	3/4-14	3/4	.54
16FP-12FPX45	7259-06565	1-11 1/2	1	3/4-14	3/4	.92
16FP-16FPX45	7259-11515	1-11 1/2	1	1-11 1/2	1	.44
20FP-20FPX45	7259-33105	1 1/4-11 1/2	1 1/4	1 1/4-11 1/2	1 1/4	1.20

# ADAPTADORES

## HEMBRA NPTF - HEMBRA NPSM GIRATORIA - 90°

Hembra Nptf

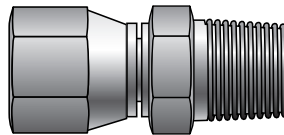


Hembra Npsm

Descr.	Prod. No.	Hembra Nptf		Hembra Npsm		Lbs.
		"	"	"	"	
2FP-2FPX90	7259-05475	1/8-27	<b>1/8</b>	1/8-27	<b>1/8</b>	.08
2FP-4FPX90	7259-08755	1/8-27	<b>1/8</b>	1/4-18	<b>1/4</b>	.11
4FP-2FPX90	7259-06285	1/4-18	<b>1/4</b>	1/8-27	<b>1/8</b>	.14
4FP-4FPX90	7259-11005	1/4-18	<b>1/4</b>	1/4-18	<b>1/4</b>	.17
4FP-6FPX90	7259-06245	1/4-18	<b>1/4</b>	3/8-18	<b>3/8</b>	.20
6FP-4FPX90	7259-06825	3/8-18	<b>3/8</b>	1/4-18	<b>1/4</b>	.24
6FP-6FPX90	7259-10955	3/8-18	<b>3/8</b>	3/8-18	<b>3/8</b>	.26
6FP-8FPX90	7259-06965	3/8-18	<b>3/8</b>	1/2-14	<b>1/2</b>	.28
8FP-6FPX90	7259-06855	1/2-14	<b>1/2</b>	3/8-18	<b>3/8</b>	.40
8FP-8FPX90	7259-10615	1/2-14	<b>1/2</b>	1/2-14	<b>1/2</b>	.43
8FP-12FPX90	7259-06485	1/2-14	<b>1/2</b>	3/4-14	<b>3/4</b>	.55
12FP-8FPX90	7259-06585	3/4-14	<b>3/4</b>	1/2-14	<b>1/2</b>	.68
12FP-12FPX90	7259-11095	3/4-14	<b>3/4</b>	3/4-14	<b>3/4</b>	.93
16FP-12FPX90	7259-06595	1-11 1/2	<b>1</b>	3/4-14	<b>3/4</b>	1.11
16FP-16FPX90	7259-11765	1-11 1/2	<b>1</b>	1-11 1/2	<b>1</b>	1.19
20FP-16FPX90	7259-08405	1 1/4-11 1/2	<b>1 1/4</b>	1-11 1/2	<b>1</b>	1.37
20FP-20FPX90	7259-33115	1 1/4-11 1/2	<b>1 1/4</b>	1 1/4-11 1/2	<b>1 1/4</b>	1.54
24FP-24FPX90	7259-33125	1 1/2-11 1/2	<b>1 1/2</b>	1 1/2-11 1/2	<b>1 1/2</b>	3.70
32FP-32FPX90	7259-33135	2-11 1/2	<b>2</b>	2-11 1/2	<b>2</b>	4.56

## HEMBRA JIC GIRATORIA - MACHO NPTF

Hembra Jic

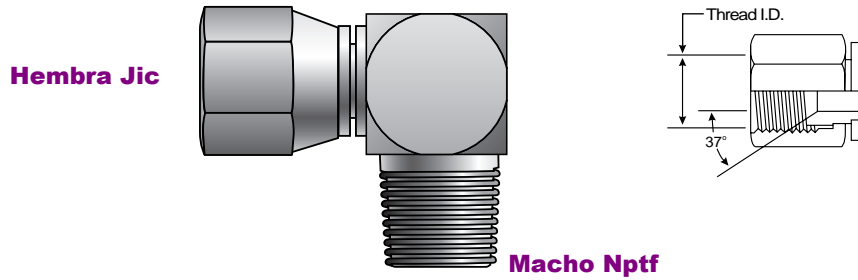


Macho Nptf

Descr.	Prod. No.	Hembra Jic		Macho Nptf		Lbs.
		"	"	"	"	
4FJX-2MP	7253-34865	7/16-20	<b>1/4</b>	1/8-27	<b>1/8</b>	.04
4FJX-4MP	7259-34875	7/16-20	<b>1/4</b>	1/4-18	<b>1/4</b>	.07
6FJX-4MP	7259-34885	9/16-18	<b>3/8</b>	1/4-18	<b>1/4</b>	.08
6FJX-6MP	7259-34895	9/16-18	<b>3/8</b>	3/8-18	<b>3/8</b>	.11
8FJX-6MP	7259-34905	3/4-16	<b>1/2</b>	3/8-18	<b>3/8</b>	.15
8FJX-8MP	7259-34915	3/4-16	<b>1/2</b>	1/2-14	<b>1/2</b>	.15
12FJX-12MP	7259-34925	1 1/16-12	<b>3/4</b>	3/4-14	<b>3/4</b>	.34
16FJX-16MP	7253-34935	1 5/16-12	<b>1</b>	1-11 1/2	<b>1</b>	.60
20FJX-20MP	7259-34945	1 5/8-12	<b>1 1/4</b>	1 1/4-11 1/2	<b>1 1/4</b>	.86

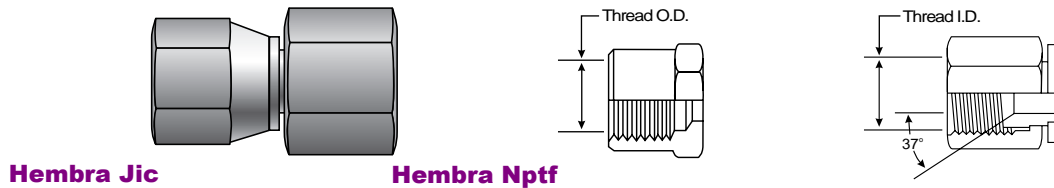
# ADAPTADORES

## HEMBRA JIC GIRATORIA - MACHO NPTF - 90°



Descr.	Prod. No.	Hembra Jic		Macho Nptf		Lbs.
		"	"	"	"	
4FJX-2MP90	7253-34955	7/16-20	1/4	1/8-27	1/8	.08
4FJX-4MP90	7259-05325	7/16-20	1/4	1/4-18	1/4	.10
6FJX-4MP90	7253-34965	9/16-18	3/8	1/4-18	1/4	.14
6FJX-6MP90	7253-34975	9/16-18	3/8	3/8-18	3/8	.20
8FJX-6MP90	7253-34985	3/4-16	1/2	3/8-18	3/8	.25
8FJX-8MP90	7253-34995	3/4-16	1/2	1/2-14	1/2	.32
10FJX-8MP90	7253-35015	7/8-14	5/8	1/2-14	1/2	.34
12FJX-12MP90	7253-35025	1 1/16-12	3/4	3/4-14	3/4	.58
16FJX-16MP90	7259-35285	1 5/16-12	1	1-11 1/2	1	.88
20FJX-20MP90	7259-35295	1 5/8-12	1 1/4	1 1/4-11 1/2	1 1/4	1.50
24FJX-24MP90	7259-35035	1 7/8-12	1 1/2	1 1/2-11 1/2	1 1/2	2.10

## HEMBRA JIC GIRATORIA - HEMBRA NPTF



Descr.	Prod. No.	Hembra Jic		Hembra Nptf		Lbs.
		"	"	"	"	
4FJX-2FP	7253-35045	7/16-20	1/4	1/8-27	1/8	.06
4FJX-4FP	7253-35055	7/16-20	1/4	1/4-18	1/4	.10
6FJX-6FP	7253-35075	9/16-18	3/8	3/8-18	3/8	.14
8FJX-6FP	7253-35095	3/4-16	1/2	3/8-18	3/8	.15
8FJX-8FP	7253-35105	3/4-16	1/2	1/2-14	1/2	.28
10FJX-8FP	7253-35115	7/8-14	5/8	1/2-14	1/2	.30
12FJX-12FP	7253-35125	1 1/16-12	3/4	3/4-14	3/4	.46
16FJX-16FP	7259-35135	1 5/16-12	1	1-11 1/2	1	.75
20FJX-20FP	7259-35145	1 5/8-12	1 1/4	1 1/4-11 1/2	1 1/4	1.26



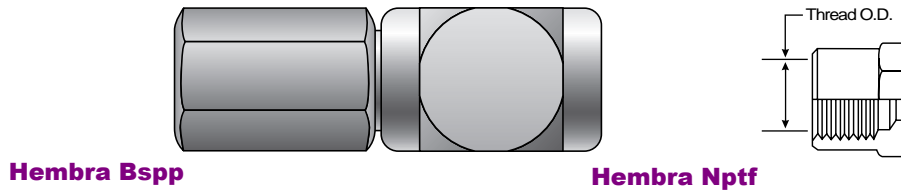
# ADAPTADORES

## HEMBRA BSPP - MACHO NPTF



Descr.	Prod. No.	Hembra Bspp		Macho Nptf		Lbs.
		"	"	"	"	
2FBSPP-2MP	7253-62245	1/8-28	<b>1/8</b>	1/8-27	<b>1/8</b>	.01
2FBSPP-4MP	7253-62255	1/8-28	<b>1/8</b>	1/4-18	<b>1/4</b>	.01
4FBSPP-4MP	7253-62265	1/4-19	<b>1/4</b>	1/4-18	<b>1/4</b>	.10
4FBSPP-6MP	7253-62275	1/4-19	<b>1/4</b>	3/8-18	<b>3/8</b>	.15
4FBSPP-8MP	7253-62285	1/4-19	<b>1/4</b>	1/2-14	<b>1/2</b>	.10
6FBSPP-6MP	7253-62295	3/8-19	<b>3/8</b>	3/8-18	<b>3/8</b>	.10
6FBSPP-8MP	7253-62305	3/8-19	<b>3/8</b>	1/2-14	<b>1/2</b>	.15
8FBSPP-8MP	7253-62315	1/2-14	<b>1/2</b>	1/2-14	<b>1/2</b>	.25
8FBSPP-12MP	7253-62325	1/2-14	<b>1/2</b>	3/4-14	<b>3/4</b>	.45
12FBSPP-12MP	7253-62335	3/4-14	<b>3/4</b>	3/4-14	<b>3/4</b>	.35
12FBSPP-16MP	7253-62345	3/4-14	<b>3/4</b>	1-11 1/2	<b>1</b>	.20
16FBSPP-16MP	7253-62355	1-11	<b>1</b>	1-11 1/2	<b>1</b>	.55
20FBSPP-20MP	7253-62365	1 1/4-11	<b>1 1/4</b>	1 1/4-11 1/2	<b>1 1/4</b>	.95
20FBSPP-24MP	7253-62375	1 1/4-11	<b>1 1/4</b>	1 1/4-11 1/2	<b>1 1/2</b>	1.10
24FBSPP-24MP	7253-62385	1 1/2-11	<b>1 1/2</b>	1 1/2-11 1/2	<b>1 1/2</b>	.54
32FBSPP-32MP	7253-62395	2-11	<b>2</b>	2-11 1/2	<b>2</b>	1.70

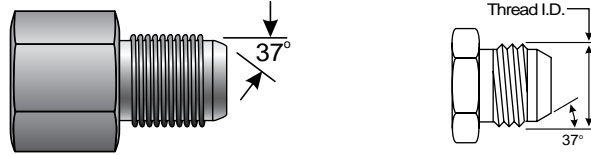
## HEMBRA BSPP - HEMBRA NPTF



Descr.	Prod. No.	Hembra Bspp		Hembra Nptf		Lbs.
		"	"	"	"	
4FBSPP-4FP	7253-65525	1/4-19	<b>1/4</b>	1/4-18	<b>1/4</b>	.05
6FBSPP-6FP	7253-65535	3/8-19	<b>3/8</b>	3/8-18	<b>3/8</b>	.10
8FBSPP-8FP	7253-65545	1/2-14	<b>1/2</b>	1/2-14	<b>1/2</b>	.30
12FBSPP-12FP	7253-65555	3/4-14	<b>3/4</b>	3/4-14	<b>3/4</b>	.50
16FBSPP-16FP	7253-65565	1-11	<b>1</b>	1-11 1/2	<b>1</b>	.60
20FBSPP-20FP	7253-65575	1 1/4-11	<b>1 1/4</b>	1 1/4-11 1/2	<b>1 1/4</b>	1.00

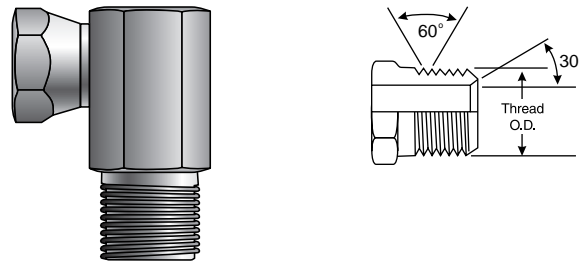
# ADAPTADORES

## HEMBRA BSPP - MACHO JIC



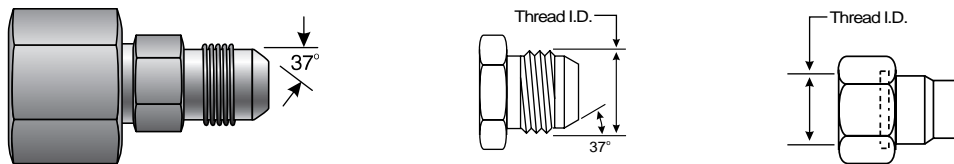
Descr.	Prod. No.	Thread		Weight		
		"	"	Lbs.		
2FBSPP-4MJ	7253-14155	1/8-28	1/8	7/16-20	1/4	.10
4FBSPP-4MJ	7253-14225	1/4-19	1/4	7/16-20	1/4	.02
4FBSPP-6MJ	7253-14165	1/4-19	1/4	9/16-18	3/8	.18
6FBSPP-6MJ	7253-14175	3/8-19	3/8	9/16-18	3/8	.08
8FBSPP-8MJ	7253-14185	1/2-14	1/2	3/4-16	1/2	.26
12FBSPP-12MJ	7253-14195	3/4-14	3/4	1 1/16-12	3/4	.54
16FBSPP-16MJ	7253-14205	1-11	1	1 5/16-12	1	.66
20FBSPP-20MJ	7253-14215	1 1/4-11	1 1/4	1 5/8-12	1 1/4	.92
24FBSPP-24MJ	7253-62415	1 1/2-11	1 1/2	1 7/8-12	1 1/2	1.05

## HEMBRA BSPP GIRATORIA - MACHO NPTF - 90°



Descr.	Prod. No.	Thread		Weight		
		"	"	Lbs.		
2FBSPPX-2MP90	7253-62425	1/8-28	1/8	1/8-27	1/8	.05
4FBSPPX-4MP90	7253-62435	1/4-19	1/4	1/4-18	1/4	.10
6FBSPPX-6MP90	7253-62445	3/8-19	3/8	3/8-18	3/8	.20
8FBSPPX-8MP90	7253-62455	1/2-14	1/2	1/2-14	1/2	.35
12FBSPPX-12MP90	7253-62465	3/4-14	3/4	3/4-14	3/4	.55
16FBSPPX-16MP90	7253-62475	1-11	1	1-11 1/2	1	1.00
20FBSPPX-20MP90	7253-62485	1 1/4-11	1 1/4	1 1/4-11 1/2	1 1/4	1.70
24FBSPPX-24MP90	7253-62495	1 1/2-11	1 1/2	1 1/4-11 1/2	1 1/2	2.70

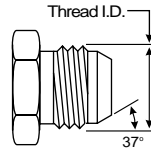
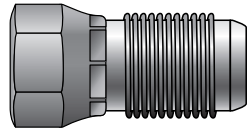
## HEMBRA ASIENTO PLANO GIRATORIA - MACHO JIC



Descr.	Prod. No.	Thread		Weight		
		"	"	Lbs.		
4FFORX-4MJ	7253-31705	9/16-18	1/4	7/16-20	1/4	.06
6FFORX-6MJ	7253-31715	11/16-16	3/8	9/16-18	3/8	.13
8FFORX-8MJ	7253-31725	13/16-16	1/2	3/4-16	1/2	.14
10FFORX-10MJ	7253-31735	1-14	5/8	7/8-14	5/8	.31
12FFORX-12MJ	7253-31745	1 3/16-12	3/4	1 1/16-12	3/4	.50
16FFORX-16MJ	7253-31755	1 7/16-12	1	1 1/16-13	1	.76

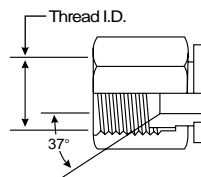
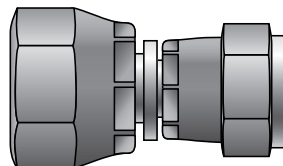
# ADAPTADORES

## HEMBRA BSPP GIRATORIA - MACHO JIC



Descr.	Prod. No.	Thread		Weight Lbs.
		"	"	
2FBSPPX-4MJ	7253-62545	1/8-28	1/8 7/16-20	1/4 .05
4FBSPPX-4MJ	7253-15245	1/4-19	1/4 7/16-20	1/4 .07
4FBSPPX-5MJ	7253-62555	1/4-19	1/4 1/2-20	5/16 .05
4FBSPPX-6MJ	7253-62565	1/4-19	1/4 9/16-18	3/4 .05
6FBSPPX-4MJ	7253-62575	3/8-19	3/8 7/16-20	1/4 .15
6FBSPPX-5MJ	7253-62585	3/8-19	3/8 1/2-20	5/16 .15
6FBSPPX-6MJ	7253-15255	3/8-19	3/8 9/16-18	3/8 .15
6FBSPPX-8MJ	7253-62595	3/8-19	3/8 3/4-16	1/2 .15
6FBSPPX-10MJ	7253-62605	3/8-19	3/8 7/8-14	5/8 .15
8FBSPPX-6MJ	7253-62615	1/2-14	1/2 9/16-18	3/8 .15
8FBSPPX-8MJ	7253-15265	1/2-14	1/2 3/4-16	1/2 .24
8FBSPPX-10MJ	7253-62625	1/2-14	1/2 7/8-14	5/8 .20
10FBSPPX-8MJ	7253-62635	5/8-14	5/8 3/4-16	1/2 .20
10FBSPPX-10MJ	7253-15275	5/8-14	5/8 7/8-14	5/8 .27
12FBSPPX-8MJ	7253-62645	3/4-14	3/4 3/4-16	1/2 .35
12FBSPPX-10MJ	7253-62655	3/4-14	3/4 7/8-14	5/8 .35
12FBSPPX-12MJ	7253-15285	3/4-14	3/4 1 1/16-12	3/4 .53
12FBSPPX-16MJ	7253-62665	3/4-14	3/4 1 5/16-12	1 .45
16FBSPPX-12MJ	7253-62675	1-11	1 1 1/16-12	3/4 .55
16FBSPPX-16MJ	7253-15295	1-11	1 5/16-12	1 .47
20FBSPPX-20MJ	7253-62685	1 1/4-11	1 5/8-12	1 1/4 .90
24FBSPPX-24MJ	7253-62695	1 1/2-11	1 7/8-12	1 1/2 1.25

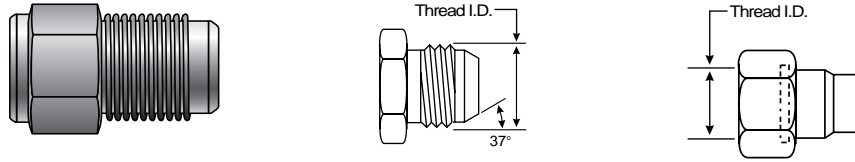
## HEMBRA BSPP GIRATORIA - HEMBRA JIC



Descr.	Prod. No.	Thread		Weight Lbs.
		"	"	
4FBSPPX-4FJX	7253-15305	1/4-19	1/4 7/16-20	1/4 .02
4FBSPPX-6FJX	7253-62505	1/4-19	1/4 9/16-18	3/8 .05
6FBSPPX-6FJX	7253-15315	3/8-19	3/8 9/16-18	3/8 .02
6FBSPPX-8FJX	7253-62515	3/8-19	3/8 3/4-16	1/2 .15
8FBSPPX-6FJX	7253-62525	1/2-14	1/2 9/16-18	3/8 .15
8FBSPPX-8FJX	7253-15325	1/2-14	1/2 3/4-16	1/2 .20
10FBSPPX-10FJX	7253-15335	5/8-14	5/8 7/8-14	5/8 .21
12FBSPPX-12FJX	7253-15345	3/4-14	3/4 1 1/16-12	3/4 .40
16FBSPPX-16FJX	7253-15355	1-11	1 5/16-12	1 .42
20FBSPPX-20FJX	7253-62535	1 1/4-11	1 5/8-12	1 1/4 .80

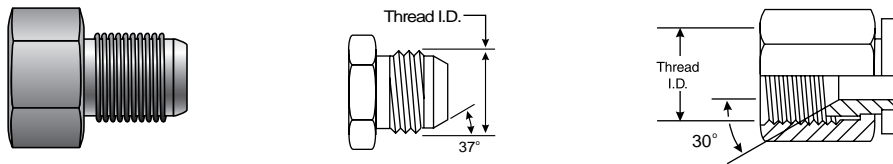
# ADAPTADORES

## HEMBRA ASIENTO PLANO BRITANICO - MACHO JIC



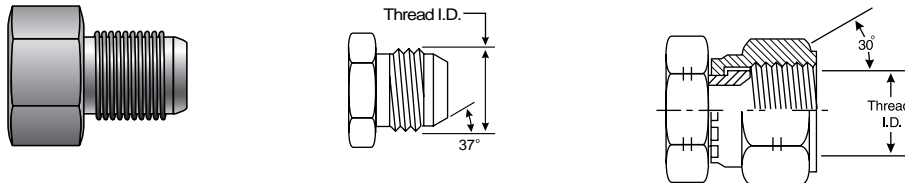
Descr.	Prod. No.	Thread		Weight
		"	"	
6FBFFOR-6MJ	7253-62705	3/8-19	9/16-18	.10
8FBFFOR-6MJ	7253-62715	1/2-14	9/16-18	.15
8FBFFOR-8MJ	7253-62725	1/2-14	3/4-16	.20
8FBFFOR-10MJ	7253-62735	1/2-14	7/8-14	.20
10FBFFOR-8MJ	7253-62745	5/8-14	3/4-16	.20
12FBFFOR-8MJ	7253-62755	3/4-14	3/4-16	.30
12FBFFOR-10MJ	7253-62765	3/4-14	7/8-14	.30
12FBFFOR-12MJ	7253-62775	3/4-14	1 1/16-12	.35

## HEMBRA JIS - MACHO JIC



Descr.	Prod. No.	Thread		Weight
		"	"	
4FJIS-4MJ	7253-65035	1/4-19	7/16-20	.05
6FJIS-4MJ	7253-65045	3/8-19	7/16-20	.15
6FJIS-6MJ	7253-65055	3/8-19	9/16-18	.15
8FJIS-8MJ	7253-65075	1/2-14	3/4-16	.20
12FJIS-12MJ	7253-65085	3/4-14	1 1/16-12	.45
16FJIS-16MJ	7253-65095	1-11	1 5/16-12	.55
20FJIS-20MJ	7253-65105	1 1/4-11	1 5/8-12	1.10

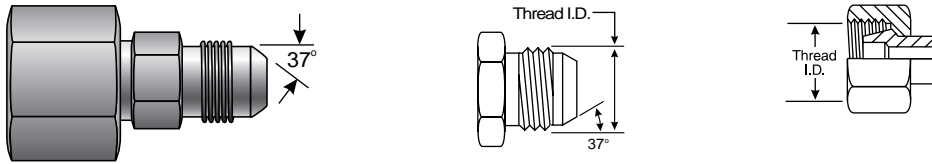
## HEMBRA Komatsu - MACHO JIC



Descr.	Prod. No.	Thread		Weight
		"	"	
4FK-4MJ	7253-65235	M14X1.5	7/16-20	.05
6FK-6MJ	7253-65245	M18X1.5	9/16-18	.10
8FK-8MJ	7253-65255	M22X1.5	3/4-16	.20
10FK-10MJ	7253-65265	M24X1.5	7/8-14	.20
12FK-12MJ	7253-65275	M30X1.5	1 1/16-12	.60
16FK-16MJ	7253-65285	M33X1.5	1 5/16-12	.60

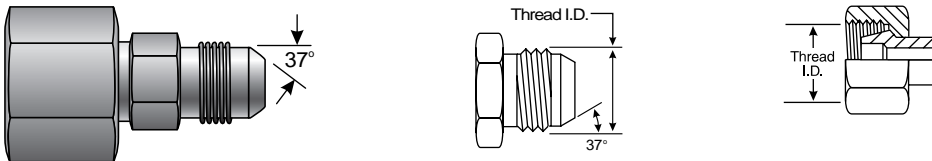
# ADAPTADORES

## HEMBRA MILIMETRICA SERIE LIVIANA GIRATORIA - MACHO JIC



Descr.	Prod. No.					Weight Lbs.
		"		"		
6FDLX-4MJ	7253-64725	M12X1.5	3/8	7/16-20	1/4	.05
6FDLX-5MJ	7253-64735	M6X1.5	3/8	1/2-20	5/16	.05
8FDLX-4MJ	7253-15465	M14X1.5	1/2	7/16-20	1/4	.09
8FDLX-6MJ	7253-64755	M14X1.5	1/2	9/16-18	3/8	.05
10FDLX-6MJ	7253-15475	M16X1.5	5/8	9/16-18	3/8	.12
10FDLX-8MJ	7253-64775	M16X1.5	5/8	3/4-16	1/2	.15
12FDLX-6MJ	7253-15545	M18X1.5	3/4	9/16-18	3/8	.16
12FDLX-8MJ	7253-64795	M18X1.5	3/4	3/4-16	1/2	.15
12FDLX-10MJ	7253-64805	M18X1.5	3/4	7/8-14	5/8	.15
15FDLX-6MJ	7253-64815	M22X1.5	0	9/16-18	3/8	.15
15FDLX-8MJ	7253-15485	M22X1.5	0	3/4-16	1/2	.22
15FDLX-10MJ	7253-64835	M22X1.5	0	7/8-14	5/8	.20
22FDLX-12MJ	7253-15495	M30X2.0	1 1/4	1 1/16-12	3/4	.39
28FDLX-16MJ	7253-15505	M36X2.0	0	1 5/16-12	1	.51

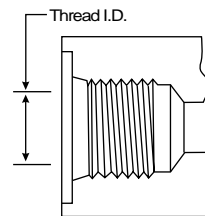
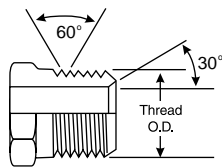
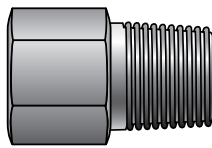
## HEMBRA MILIMETRICA SERIE PESADA GIRATORIA - MACHO JIC




Descr.	Prod. No.					Weight Lbs.
		"		"		
10FDHX-4MJ	7253-15605	M18X1.5	5/8	7/16-20	1/4	.05
12FDHX-5MJ	7253-15615	M20X1.5	3/4	1/2-20	5/16	.19
12FDHX-6MJ	7253-64845	M20X1.5	3/4	9/16-18	3/8	.15
12FDHX-8MJ	7253-64855	M20X1.5	3/4	3/4-16	1/2	.15
12FDHX-10MJ	7253-64865	M20X1.5	3/4	7/8-14	5/8	.20
14FDHX-6MJ	7253-15625	M22X1.5	7/8	9/16-18	3/8	.15
16FDHX-8MJ	7253-15635	M24X1.5	1	3/4-16	1/2	.26
20FDHX-10MJ	7253-15645	M30X2.0	1 1/4	7/8-14	5/8	.33
25FDHX-12MJ	7253-15655	M36X2.0	0	1 1/16-12	3/4	.48
30FDHX-16MJ	7253-15665	M42X2.0	0	1 5/16-12	1	.86
38FDHX-20MJ	7253-15675	M52X2.0	0	1 5/8-12	1 1/4	.92

# ADAPTADORES

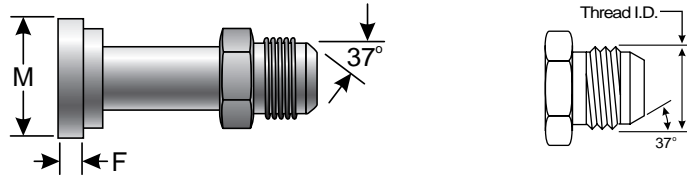
## HEMBRA O-Ring Boss - MACHO NPTF




Descr.	Prod. No.					Weight Lbs.
		"	"	"	"	
4FB-2MP	7259-33335	7/16-20	<b>1/4</b>	1/8-27	<b>1/8</b>	.07
4FB-4MP	7259-06515	7/16-20	<b>1/4</b>	1/4-18	<b>1/4</b>	.08
5FB-2MP	7259-33355	1/2-20	<b>5/16</b>	1/8-27	<b>1/8</b>	.10
6FB-4MP	7259-33345	9/16-18	<b>3/8</b>	1/4-18	<b>1/4</b>	.12
6FB-6MP	7259-00385	9/16-18	<b>3/8</b>	3/8-18	<b>3/8</b>	.13
6FB-8MP	7259-00485	9/16-18	<b>3/8</b>	1/2-14	<b>1/2</b>	.17
8FB-6MP	7259-33365	3/4-16	<b>1/2</b>	3/8-18	<b>3/8</b>	.17
8FB-8MP	7259-08875	3/4-16	<b>1/2</b>	1/2-14	<b>1/2</b>	.20
10FB-8MP	7259-33375	7/8-14	<b>5/8</b>	1/2-14	<b>1/2</b>	.31
12FB-8MP	7259-06955	1 1/16-12	<b>3/4</b>	1/2-14	<b>1/2</b>	.36
12FB-12MP	7259-33385	1 1/16-12	<b>3/4</b>	3/4-14	<b>3/4</b>	.37
16FB-12MP	7259-08885	1 5/16-12	<b>1</b>	3/4-14	<b>3/4</b>	.43
16FB-16MP	7259-33395	1 5/16-12	<b>1</b>	1-11 1/2	<b>1</b>	.54

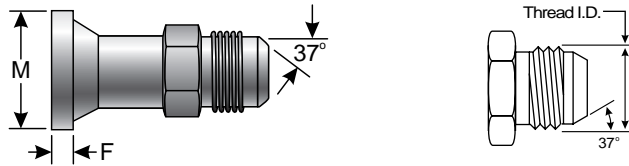
# ADAPTADORES


## BRIDA CODIGO 61 - MACHO JIC



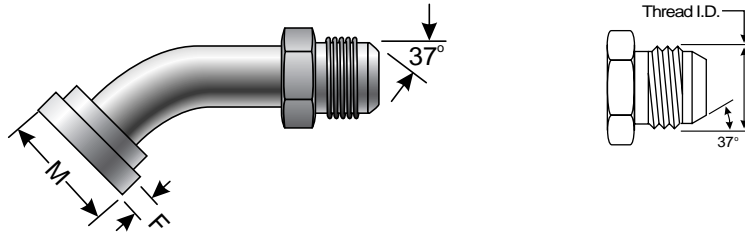
Descr.	Prod. No.		M		F	Weight	
			"	mm			
8FL-8MJ	7253-86931	3/4-16	1/2	1/2	30.2	6.9	.24
12FL-12MJ	7253-86932	1 1/16-12	3/4	3/4	38.1	6.9	.39
16FL-16MJ	7253-86933	1 5/16-12	1	1	44.5	8.1	.66
20FL-20MJ	7253-86934	1 5/8-12	1 1/4	1 1/4	50.8	8.1	.98
24FL-24MJ	7253-86935	1 7/8-12	1 1/2	1 1/2	60.5	8.1	1.38
32FL-32MJ	7253-86936	2 1/2-12	2	2	71.4	9.7	2.43


## BRIDA CODIGO 61 - MACHO JIC (para Altas presiones)



Descr.	Prod. No.		M		F		Weight		
			"	mm	"	mm			
12FL5K-12MJ	7253-13015	1 1/16-12	3/4	3/4	1.50	38.1	.27	6.9	.59
16FL5K-12MJ	7253-12405	1 1/16-12	1	3/4	1.75	44.5	.32	8.1	.92
16FL5K-16MJ	7253-13035	1 5/16-12	1	1	1.75	44.5	.32	8.1	.82
16FL5K-20MJ	7253-12425	1 5/8-12	1	1 1/4	1.75	44.5	.32	8.1	2.43
20FL4K-16MJ	7253-12485	1 5/16-12	1 1/4	1	2.00	50.8	.32	8.1	1.52
20FL4K-20MJ	7253-12475	1 5/8-12	1 1/4	1 1/4	2.00	50.8	.32	8.1	1.52

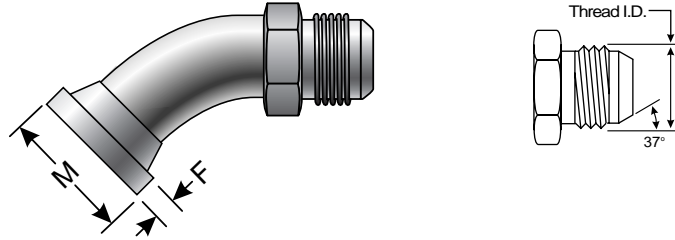
## BRIDA CODIGO 61 - MACHO JIC - 45°



Descr.	Prod. No.		M		F		Weight	
			"	mm	"	mm		
8FL-8MJ45	7253-86937	3/4-16	2 1/2-12	1.19	30.2	.27	6.9	.27
12FL-12MJ45	7253-86938	1 1/16-12	1 1/16-12	1.50	38.1	.27	6.9	4.40
16FL-16MJ45	7253-86939	1 5/16-12	1 5/16-12	1.75	44.5	.32	8.1	.79
20FL-20MJ45	7253-86941	1 5/8-12	1 1/16-12	2.00	50.8	.32	8.1	1.14
24FL-24MJ45	7253-86942	1 7/8-12	1 5/16-12	2.38	60.5	.32	8.1	1.72
32FL-32MJ45	7253-86943	2 1/2-12	1 5/8-12	2.81	71.4	.38	9.7	3.10

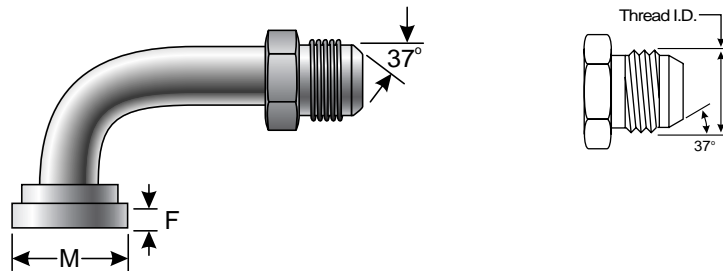
# ADAPTADORES

## BRIDA CODIGO 61 - MACHO JIC - 45° (para Altas presiones)



Descr.	Prod. No.	Thread		M	F	Weight				
		"	"				mm	mm	Lbs.	
12FL5K-12MJ45	7253-13105	1 1/16-12	3/4	1 7/8-12	3/4	1.50	38.1	.27	6.9	1.58
16FL5K-16MJ45	7253-13125	1 1/16-13	1	2 1/2-12	1	1.75	44.5	.32	8.1	1.64
20FL4K-16MJ45	7253-12625	1 5/16-12	1 1/4	1 1/16-12	1 1/4	2.00	50.8	.37	9.4	.90
20FL4K-20MJ45	7253-12395	1 5/8-12	1 1/4	1 1/16-13	1 1/4	2.00	50.8	.37	9.4	1.86

## BRIDA CODIGO 61 - MACHO JIC - 90°

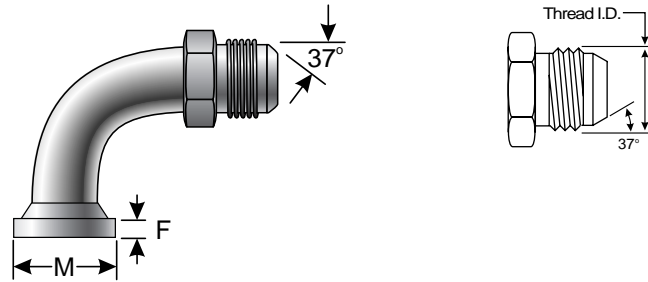


Descr.	Prod. No.	Thread		M	F	Weight		
		"	"				mm	mm
8FL-8MJ90	7253-86944	1/2	3/4-16	1.19	30.2	.27	6.9	.30
12FL-12MJ90	7253-86945	3/4	1 1/16-12	1.50	38.1	.27	6.9	.51
16FL-16MJ90	7253-86946	1	1 5/16-12	1.75	44.5	.32	8.1	.92
20FL-20MJ90	7253-86947	1 1/4	1 5/8-12	2.00	50.8	.32	8.1	1.30
24FL-24MJ90	7253-86948	1 1/2	1 7/8-12	2.38	60.5	.32	8.1	1.95
32FL-32MJ90	7253-86949	2	2 1/2-12	2.81	71.4	.38	9.7	3.64



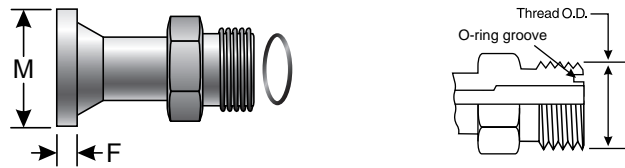
# ADAPTADORES

## BRIDA CODIGO 61 - MACHO JIC - 90° (para altas presiones)



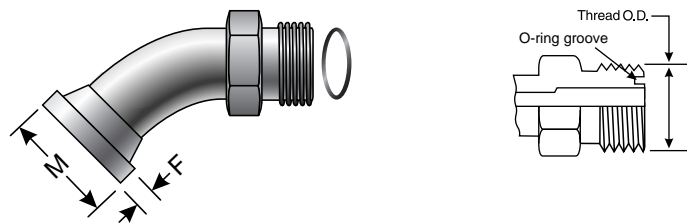
Descr.	Prod. No.	Thread		M		F		Weight		
		"	"	"	mm	"	mm	Lbs.		
12FL5K-12MJ90	7253-13205	1 1/16-12	3/4	1 1/16-12	3/4	1.50	38.1	.27	6.9	.70
16FL5K-12MJ90	7253-12415	1 1/16-12	1	1 1/16-12	3/4	1.75	44.5	.32	8.1	1.47
16FL5K-16MJ90	7253-13225	1 5/16-12	1	1 5/16-12	1	1.75	44.5	.32	8.1	1.99
20FL4K-16MJ90	7253-12495	1 1/4	1 1/4	1 5/16-12	1	2.00	50.8	.32	8.1	1.35
20FL4K-20MJ90	7253-12505	1 1/4	1 1/4	1 5/8-12	1 1/4	2.00	50.8	.32	8.1	2.12

## BRIDA CODIGO 61 - MACHO ASIENTO PLANO (para altas presiones)



Descr.	Prod. No.	Thread		M		F		Weight		
		"	"	"	mm	"	mm	Lbs.		
12FL5K-12MFFOR	7253-13695	1 3/16-12	3/4	1 1/16-12	3/4	1.50	38.1	.27	6.9	.58
16FL5K-12MFFOR	7253-17155	1	1	1 1/16-12	3/4	1.75	44.5	.32	8.1	.64
16FL5K-16MFFOR	7253-13705	1 7/16-12	1	1 1/16-12	1	1.75	44.5	.32	8.1	.80
20FL4K-20MFFOR	7253-13715	1 1/4	1 1/4	1 5/8-12	1 1/4	2.00	50.8	.32	8.1	1.18

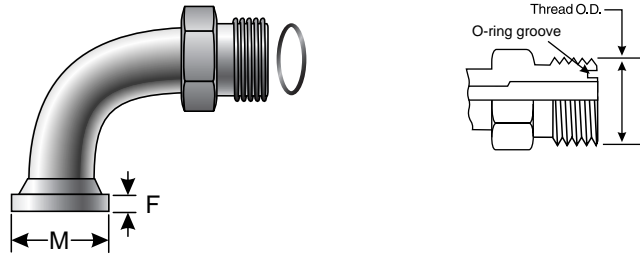
## BRIDA CODIGO 61 - MACHO ASIENTO PLANO - 45° (para altas presiones)



Descr.	Prod. No.	Thread		M		F		Weight		
		"	"	"	mm	"	mm	Lbs.		
12FL5K-12MFFOR45	7253-13725	1 5/8-12	3/4	1 1/16-12	3/4	1.50	38.1	.27	6.9	.20
16FL5K-16MFFOR45	7253-13735	1 7/16-12	1	1 1/16-12	1	1.75	44.5	.32	8.1	1.02
20FL4K-20MFFOR45	7253-13745	1 1/4	1 1/4	1 5/8-12	1 1/4	2.00	50.8	.32	8.1	1.68

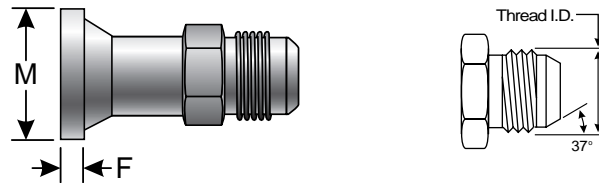
# ADAPTADORES

## BRIDA CODIGO 61 - MACHO ASIENTO PLANO - 90° (para altas presiones)



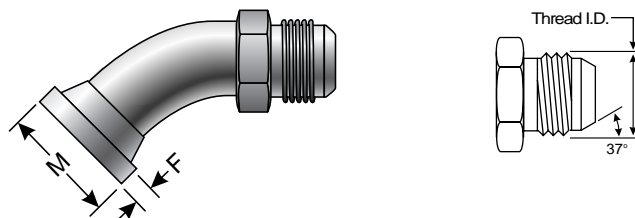
Descr.	Prod. No.	Thread		M		F		Weight
		"	"	"	mm	"	mm	Lbs.
12FL5K-12MFFOR90	7253-13755	1 3/16-12	1 1/16-12	1.50	38.1	.27	6.9	.80
16FL5K-16MFFOR90	7253-13765	1 7/16-12	1 1/16-12	1.50	38.1	.32	8.1	1.94
20FL4K-20MFFOR90	7253-13775	1 1/4	1 5/8-12	2.00	50.8	.32	8.1	2.40

## BRIDA CODIGO 62 - MACHO JIC - (6,000 psi)



Descr.	Prod. No.	Thread		M		F		Weight
		"	"	"	mm	"	mm	Lbs.
12FLH6K-12MJ	7253-13305	3/4	1 1/16-12	1.63	41.4	.35	8.9	.65
16FLH6K-12MJ	7253-12445	1	1 1/16-12	1.88	47.8	.38	9.7	.92
16FLH6K-16MJ	7253-13325	1	1 5/16-12	1.88	47.8	.38	9.7	.89
16FLH6K-20MJ	7253-12465	1	1 5/8-12	1.88	47.8	.38	9.7	2.43
20FLH6K-16MJ	7253-12515	1 1/4	1 5/16-12	2.13	54.1	.41	10.4	1.52
20FLH6K-20MJ	7253-13345	1 1/4	1 5/8-12	2.13	54.1	.41	10.4	1.49
24FLH6K-20MJ	7253-13375	1 1/2	1 5/8-12	2.50	63.5	.50	12.7	.18
24FLH6K-24MJ	7253-13365	1 1/2	1 7/8-12	2.50	63.5	.50	12.7	1.52

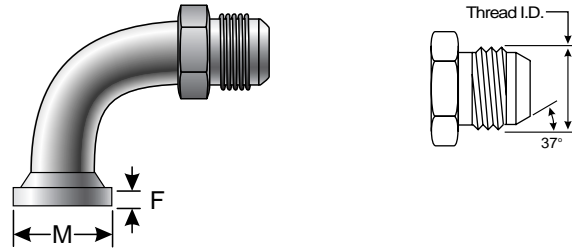
## BRIDA CODIGO 62 - MACHO JIC -45° -(6,000 psi)



Descr.	Prod. No.	Thread		M		F		Weight
		"	"	"	mm	"	mm	Lbs.
12FLH6K-12MJ45	7253-13405	3/4	1 1/16-12	1.63	41.4	.35	8.9	1.61
16FLH6K-16MJ45	7253-13425	1	1 5/16-12	1.88	47.8	.38	9.7	1.64
20FLH6K-20MJ45	7253-13445	1 1/4	1 5/8-12	2.13	54.1	.41	10.4	1.87

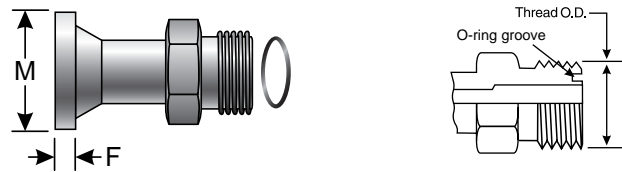
# ADAPTADORES

## BRIDA CODIGO 62 - MACHO JIC - 90° -(6,000 psi)



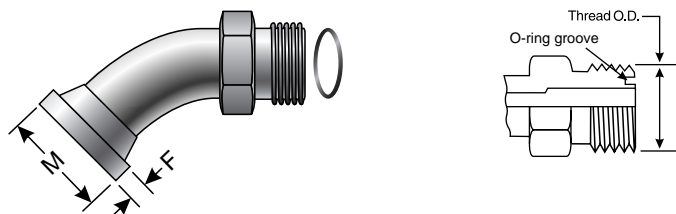
Descr.	Prod. No.	Thread		M		F		Weight Lbs.
		"	"	"	mm	"	mm	
12FLH6K-12MJ90	7253-13505	3/4	1 1/16-12	1.63	41.4	.35	8.9	.08
12FLH6K-16MJ90	7253-13515	3/4	1 5/16-12	1.63	41.4	.35	8.9	1.95
16FLH6K-12MJ90	7253-12455	1	1 1/16-12	1.88	47.8	.38	9.7	1.47
16FLH6K-16MJ90	7253-13535	1	1 5/16-12	1.88	47.8	.38	9.7	1.32
16FLH6K-20MJ90	7253-13545	1	1 5/8-12	1.88	47.8	.38	9.7	2.00
20FLH6K-16MJ90	7253-12525	1 1/4	1 5/16-12	2.13	54.1	.41	10.4	2.70
20FLH6K-20MJ90	7253-13565	1 1/4	1 5/8-12	2.13	54.1	.41	10.4	2.19
24FLH6K-20MJ90	7253-13575	1 1/2	1 5/8-12	2.50	63.5	.50	12.7	2.83

## BRIDA CODIGO 62 - MACHO ASIENTO PLANO - (6,000 psi)



Descr.	Prod. No.	Thread		M		F		Weight Lbs.
		"	"	"	mm	"	mm	
12FLH6K-12MFFOR	7253-13605	3/4	1 3/16-12	1.63	41.4	.35	8.9	.65
16FLH6K-16MFFOR	7253-13615	1	1 7/16-12	1.88	47.8	.38	9.7	.90
20FLH6K-20MFFOR	7253-13625	1 1/4	1 7/16-13	2.13	54.1	.41	10.4	1.35

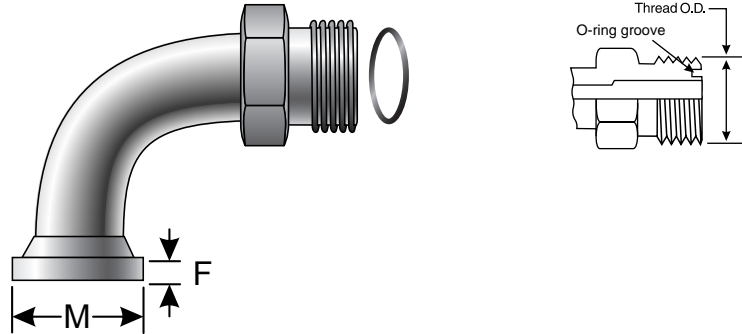
## BRIDA CODIGO 62 - MACHO ASIENTO PLANO - 45° - (6,000 psi)




Descr.	Prod. No.	Thread		M		F		Weight Lbs.
		"	"	"	mm	"	mm	
12FLH6K-12MFFOR45	7253-13635	3/4	1 3/16-12	1.63	41.4	.35	8.9	.75
16FLH6K-16MFFOR45	7253-13645	1	1 7/16-12	1.88	47.8	.38	9.7	1.60
20FLH6K-20MFFOR45	7253-13655	1 1/4	1 7/16-13	2.13	54.1	.41	10.4	2.65

# ADAPTADORES

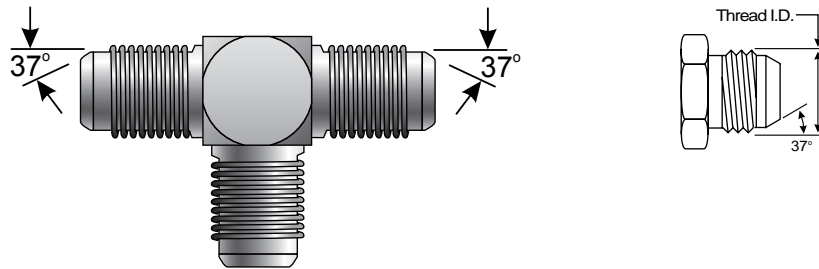
## BRIDA CODIGO 62 - MACHO ASIENTO PLANO - 90° - (6,000 psi)




Descr.	Prod. No.			M		F		Weight
		"	"	"	mm	"	mm	Lbs.
12FLH6K-12MFFOR90	7253-13665	3/4	1 3/16-12	1.63	41.4	.35	8.9	2.11
16FLH6K-12MFFOR90	7253-13465	1 1/16-12	1 7/16-14	1.88	47.8	.38	9.7	.95
16FLH6K-16MFFOR90	7253-13675	1	1 7/16-12	1.88	47.8	.38	9.7	1.36
20FLH6K-20MFFOR90	7253-13685	1 1/4	1 11/16-12	2.13	54.1	.41	10.4	2.15

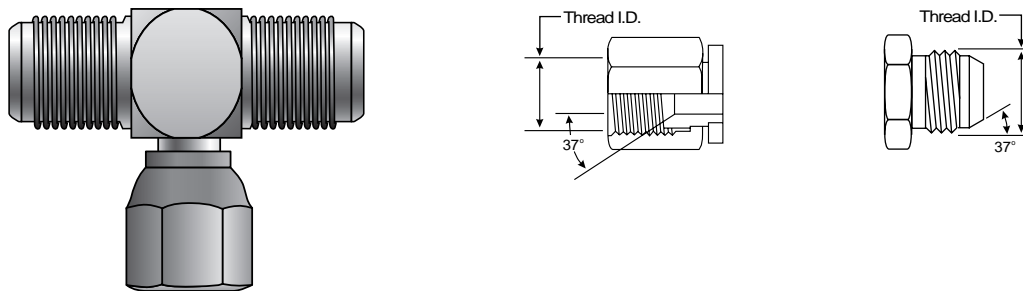
# ADAPTADORES


## MACHO JIC- MACHO JIC- MACHO JIC - (T)



Descr.	Prod. No.					Weight
2MJ-2MJ-2MJ	7259-77905	5/16-24	1/8	1/8	1/8	.04
3MJ-3MJ-3MJ	7259-08095	3/8-24	3/16	3/16	3/16	.07
4MJ-4MJ-4MJ	7259-23345	7/16-20	1/4	1/4	1/4	.12
5MJ-5MJ-5MJ	7259-34335	1/2-20	5/16	5/16	5/16	.10
6MJ-6MJ-6MJ	7259-23355	9/16-18	3/8	3/8	3/8	.13
6MJ-6MJ-8MJ	7253-34345	9/16-18	3/8	3/8	1/2	.32
8MJ-8MJ-8MJ	7259-23365	3/4-16	1/2	1/2	1/2	.25
10MJ-10MJ-10MJ	7259-23375	7/8-14	5/8	5/8	5/8	.42
12MJ-12MJ-12MJ	7259-23385	1 1/16-12	3/4	3/4	3/4	.66
14MJ-14MJ-14MJ	7259-09335	1 3/16-12	7/8	7/8	7/8	1.01
16MJ-16MJ-12MJ	7259-34365	1 5/16-12	1	1	3/4	.95
16MJ-16MJ-16MJ	7259-23395	1 5/16-12	1	1	1	.95
20MJ-20MJ-20MJ	7259-23405	1 5/8-12	1 1/4	1 1/4	1 1/4	1.98
24MJ-24MJ-24MJ	7259-07555	1 7/8-12	1 1/2	1 1/2	1 1/2	2.65
32MJ-32MJ-32MJ	7259-07455	2 1/2-12	2	2	2	6.62

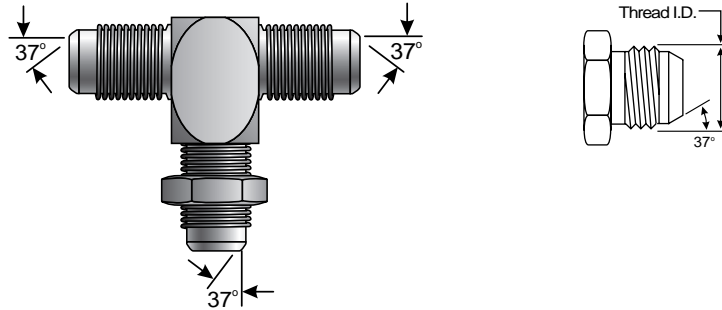
## MACHO JIC - MACHO JIC - HEMBRA JIC GIRATORIO - (T)




Descr.	Prod. No.					Weight
						Lbs.
4MJ-4MJ-4FJX	7259-24805	7/16-20	1/4	1/4	1/4	.10
5MJ-5MJ-5FJX	7259-06535	1/2-20	5/16	5/16	5/16	.17
6MJ-6MJ-6FJX	7259-24815	9/16-18	3/8	3/8	3/8	.17
8MJ-8MJ-8FJX	7259-24825	3/4-16	1/2	1/2	1/2	.30
10MJ-10MJ-10FJX	7259-34405	7/8-14	5/8	5/8	5/8	.44
12MJ-12MJ-12FJX	7259-24835	1 1/16-12	3/4	3/4	3/4	.72
14MJ-14MJ-14FJX	7259-07945	1 3/16-12	7/8	7/8	7/8	.99
16MJ-16MJ-16FJX	7259-24845	1 5/16-12	1	1	1	.93
20MJ-20MJ-20FJX	7259-34415	1 5/8-12	1 1/4	1 1/4	1 1/4	1.98
24MJ-24MJ-24FJX	7259-08505	1 7/8-12	1 1/2	1 1/2	1 1/2	2.50
32MJ-32MJ-32FJX	7259-09345	2 1/2-12	2	2	2	5.67

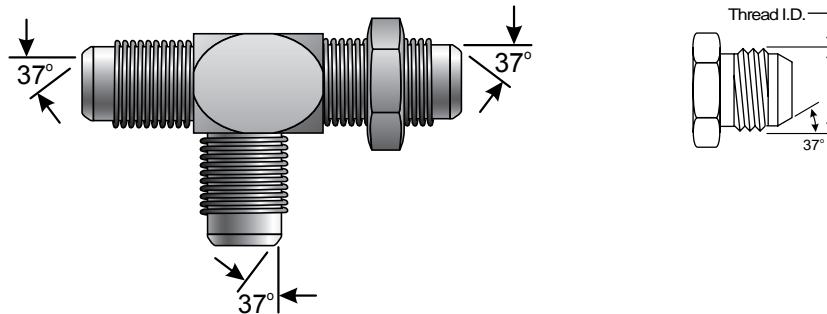
# ADAPTADORES


## MACHO JIC- MACHO JIC- MACHO JIC PASAMURO - (T)



Descr.	Prod. No.					Weight
4MJ-4MJ-4BKHD	7259-34425	7/16-20	1/4	1/4	1/4	.10
5MJ-5MJ-5BKHD	7259-34435	1/2-20	5/16	5/16	5/16	.14
6MJ-6MJ-6BKHD	7259-34445	9/16-18	3/8	3/8	3/8	.16
8MJ-8MJ-8BKHD	7259-34455	3/4-16	1/2	1/2	1/2	.36
10MJ-10MJ-10BKHD	7259-34465	7/8-14	5/8	5/8	5/8	.53
12MJ-12MJ-12BKHD	7259-34475	1 1/16-12	3/4	3/4	3/4	.90
16MJ-16MJ-16BKHD	7259-34485	1 5/16-12	1	1	1	1.40

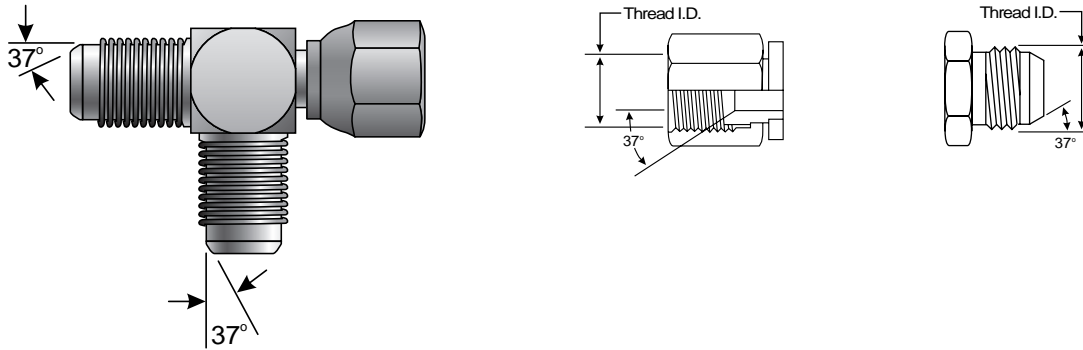
## MACHO JIC - MACHO JIC PASAMURO - MACHO JIC - (T)



Descr.	Prod. No.					Weight
4MJ-4BKHD-4MJ	7259-34495	7/16-20	1/4	1/4	1/4	.10
6MJ-6BKHD-6MJ	7259-34515	9/16-18	3/8	3/8	3/8	.17
8MJ-8BKHD-8MJ	7259-34525	3/4-16	1/2	1/2	1/2	.35
10MJ-10BKHD-10MJ	7259-34535	7/8-14	5/8	5/8	5/8	.55
12MJ-12BKHD-12MJ	7259-34545	1 1/16-12	3/4	3/4	3/4	.86
16MJ-16BKHD-16MJ	7259-34555	1 5/16-12	1	1	1	1.25

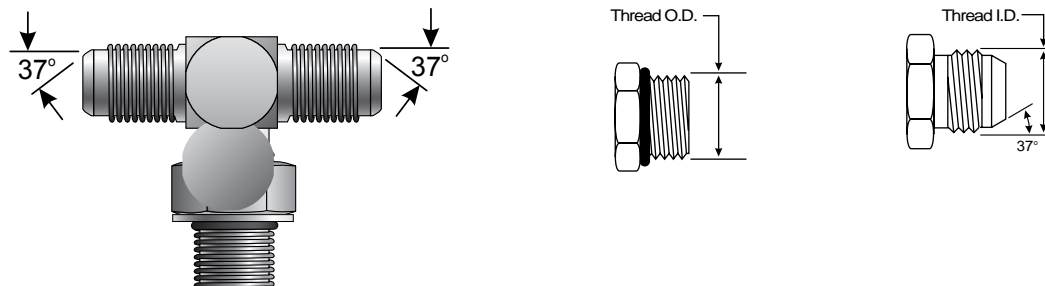
# ADAPTADORES

## MACHO JIC - HEMBRA JIC GIRATORIA - MACHO JIC - (T)



Descr.	Prod. No.	"			Weight Lbs.	
		"	"	"		
4MJ-4FJX-4MJ	7259-24705	7/16-20	1/4	1/4	1/4	.09
5MJ-5FJX-5MJ	7259-77915	1/2-20	5/16	5/16	5/16	.12
6MJ-6FJX-6MJ	7259-24725	9/16-18	3/8	3/8	3/8	.15
8MJ-8FJX-8MJ	7259-24735	3/4-16	1/2	1/2	1/2	.29
10MJ-10FJX-10MJ	7259-24745	7/8-14	5/8	5/8	5/8	.40
12MJ-12FJX-12MJ	7259-24755	1 1/16-12	3/4	3/4	3/4	.72
14MJ-14FJX-14MJ	7259-08325	1 3/16-12	7/8	7/8	7/8	1.01
16MJ-16FJX-16MJ	7259-24765	1 5/16-12	1	1	1	.94
20MJ-20FJX-20MJ	7259-77925	1 5/8-12	1 1/4	1 1/4	1 1/4	1.98
24MJ-24FJX-24MJ	7259-07955	1 7/8-12	1 1/2	1 1/2	1 1/2	2.50
32MJ-32FJX-32MJ	7259-09355	2 1/2-12	2	2	2	7.94

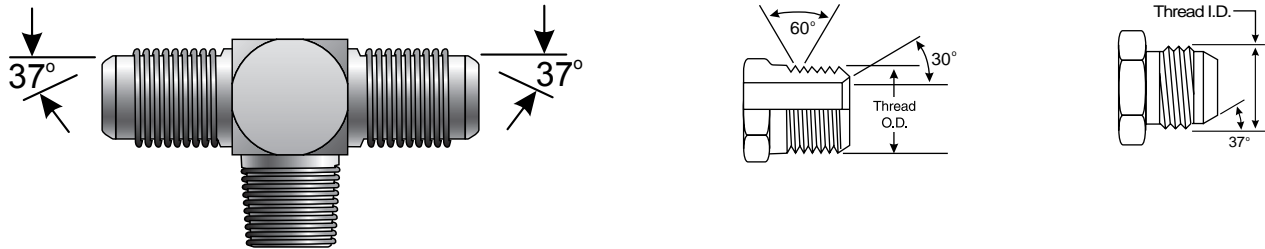
## MACHO JIC - MACHO JIC - MACHO O-Ring Boss -(T)




Descr.	Prod. No.	"			"			Weight Lbs.
		"	"	"	"	"	"	
4MJ-4MJ-4MB	7259-33615	7/16-20	1/4	7/16-20	1/4	7/16-20	1/4	.09
5MJ-5MJ-5MB	7259-33625	1/2-20	5/16	1/2-20	5/16	1/2-20	5/16	.13
6MJ-6MJ-6MB	7259-33635	9/16-18	3/8	9/16-18	3/8	9/16-18	3/8	.17
6MJ-6MJ-8MB	7259-06165	9/16-18	3/8	9/16-18	3/8	3/4-16	1/2	.29
8MJ-8MJ-10MB	7259-07655	3/4-16	1/2	3/4-16	1/2	7/8-14	5/8	.50
8MJ-8MJ-8MB	7259-33645	3/4-16	1/2	3/4-16	1/2	3/4-16	1/2	.32
10MJ-10MJ-10MB	7259-33655	7/8-14	5/8	7/8-14	5/8	7/8-14	5/8	.46
12MJ-12MJ-10MB	7259-08985	1 1/16-12	3/4	1 1/16-12	3/4	7/8-14	5/8	.72
12MJ-12MJ-12MB	7259-33665	1 1/16-12	3/4	1 1/16-12	3/4	1 1/16-12	3/4	.80
14MJ-14MJ-14MB	7259-08995	1 3/16-12	7/8	1 3/16-12	7/8	1 3/16-12	7/8	1.10
16MJ-16MJ-16MB	7259-33675	1 5/16-12	1	1 5/16-12	1	1 5/16-12	1	1.07
20MJ-20MJ-20MB	7259-09005	1 5/8-12	1 1/4	1 5/8-12	1 1/4	1 5/8-12	1 1/4	1.98
24MJ-24MJ-24MB	7259-09015	1 7/8-12	1 1/2	1 7/8-12	1 1/2	1 7/8-12	1 1/2	2.65

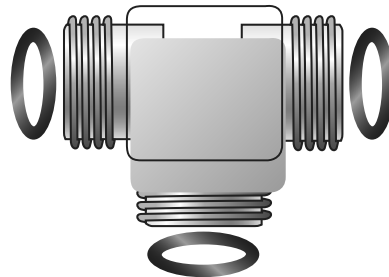
# ADAPTADORES


## MACHO JIC - MACHO JIC- MACHO NPTF - (T)



Descr.	Prod. No.				Weight			
		"	"	"	Lbs.			
3MJ-3MJ-2MP	7259-09605	3/8-24	<b>3/16</b>	3/8-24	<b>3/16</b>	1/8-27	<b>1/8</b>	.06
4MJ-4MJ-2MP	7259-23415	7/16-20	<b>1/4</b>	7/16-20	<b>1/4</b>	1/8-27	<b>1/8</b>	.07
4MJ-4MJ-4MP	7259-35215	7/16-20	<b>1/4</b>	7/16-20	<b>1/4</b>	1/4-18	<b>1/4</b>	.12
4MJ-4MJ-6MP	7259-05855	7/16-20	<b>1/4</b>	3/8-18	<b>1/4</b>	3/8-18	<b>1/4</b>	.19
5MJ-5MJ-2MP	7259-07385	1/2-20	<b>5/8</b>	1/2-20	<b>5/8</b>	1/8-27	<b>1/8</b>	.10
5MJ-5MJ-4MP	7259-35225	1/2-20	<b>5/8</b>	1/2-20	<b>5/8</b>	1/4-18	<b>1/4</b>	.13
6MJ-6MJ-4MP	7259-23425	9/16-18	<b>3/8</b>	9/16-18	<b>3/8</b>	1/4-18	<b>1/4</b>	.13
6MJ-6MJ-6MP	7259-35235	9/16-18	<b>3/8</b>	9/16-18	<b>3/8</b>	3/8-18	<b>3/8</b>	.29
6MJ-6MJ-8MP	7259-35245	9/16-18	<b>3/8</b>	9/16-18	<b>3/8</b>	1/2-14	<b>1/2</b>	.30
8MJ-8MJ-12MP	7259-09615	3/4-16	<b>1/2</b>	3/4-16	<b>1/2</b>	3/4-14	<b>3/4</b>	.57
8MJ-8MJ-6MP	7259-23435	3/4-16	<b>1/2</b>	3/4-16	<b>1/2</b>	3/8-18	<b>3/8</b>	.32
8MJ-8MJ-8MP	7259-35255	3/4-16	<b>1/2</b>	3/4-16	<b>1/2</b>	1/2-14	<b>1/2</b>	.35
10MJ-10MJ-8MP	7259-23445	7/8-14	<b>5/8</b>	7/8-14	<b>5/8</b>	1/2-14	<b>1/2</b>	.38
12MJ-12MJ-12MP	7259-23455	1 1/16-12	<b>3/4</b>	1 1/16-12	<b>3/4</b>	3/4-14	<b>3/4</b>	.61
12MJ-12MJ-16MP	7259-07735	1 1/16-12	<b>3/4</b>	1 1/16-12	<b>3/4</b>	1-11 1/2	<b>1</b>	.97
12MJ-12MJ-8MP	7259-07395	1 1/16-12	<b>3/4</b>	1 1/16-12	<b>3/4</b>	1/2-14	<b>1/2</b>	.63
14MJ-14MJ-12MP	7259-09625	1 3/16-12	<b>7/8</b>	1 3/16-12	<b>7/8</b>	3/4-14	<b>3/4</b>	.99
16MJ-16MJ-12MP	7259-09635	1 5/16-12	<b>1</b>	1 5/16-12	<b>1</b>	3/4-14	<b>3/4</b>	1.13
16MJ-16MJ-16MP	7259-23465	1 5/16-12	<b>1</b>	1 5/16-12	<b>1</b>	1-11 1/2	<b>1</b>	.92
20MJ-20MJ-20MP	7259-35265	1 5/8-12	<b>1 1/4</b>	1 5/8-12	<b>1 1/4</b>	1 5/8-12	<b>1 1/4</b>	1.76
24MJ-24MJ-24MP	7259-08355	1 7/8-12	<b>1 1/2</b>	1 7/8-12	<b>1 1/2</b>	1 1/2-11 1/2	<b>1 1/2</b>	2.65

## MACHO ASIENTO PLANO -(T)

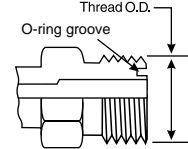
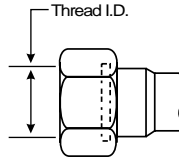
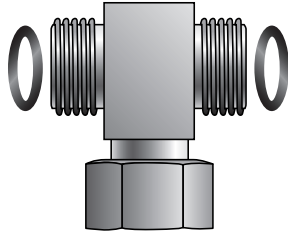


Descr.	Prod. No.				Weight	
		"	"	"	Lbs.	
4MFFOR-4MFFOR-4MFFOR	7259-04805	9/16-18	<b>1/4</b>	<b>1/4</b>	<b>1/4</b>	.14
6MFFOR-6MFFOR-6MFFOR	7259-04815	11/16-16	<b>3/8</b>	<b>3/8</b>	<b>3/8</b>	.25
8MFFOR-8MFFOR-8MFFOR	7259-04825	13/16-16	<b>1/2</b>	<b>1/2</b>	<b>1/2</b>	.30
10MFFOR-10MFFOR-10MFFOR	7259-04835	1-14	<b>5/8</b>	<b>5/8</b>	<b>5/8</b>	.64
12MFFOR-12MFFOR-12MFFOR	7259-04845	1 3/16-12	<b>3/4</b>	<b>3/4</b>	<b>3/4</b>	.86
16MFFOR-16MFFOR-16MFFOR	7259-04855	1 7/16-12	<b>1</b>	<b>1</b>	<b>1</b>	1.35
20MFFOR-20MFFOR-20MFFOR	7259-04865	1 11/16-12	<b>1 1/4</b>	<b>1 1/4</b>	<b>1 1/4</b>	1.65



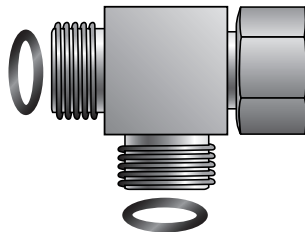
# ADAPTADORES

## MACHO ASIENTO PLANO - MACHO ASIENTO PLANO - HEMBRA ASIENTO PLANO GIRATORIA -(T)



Descr.	Prod. No.	"		Weight Lbs.
4MFFOR-4MFFOR-4FFORX	7259-31805	9/16-18	1/4	.20
6MFFOR-6MFFOR-6FFORX	7259-31815	11/16-16	3/8	.29
8MFFOR-8MFFOR-8FFORX	7259-31825	13/16-16	1/2	.40
10MFFOR-10MFFOR-10FFORX	7259-09685	1-14	5/8	.68
12MFFOR-12MFFOR-12FFORX	7259-09695	1 3/16-12	3/4	1.03
16MFFOR-16MFFOR-16FFORX	7259-09705	1 1/16-12	1	1.40
20MFFOR-20MFFOR-20FFORX	7259-09715	1 11/16-12	1 1/4	2.00

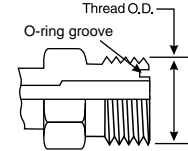
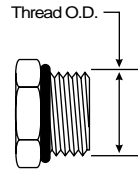
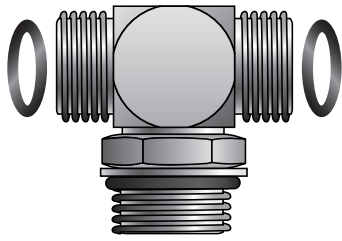
## MACHO ASIENTO PLANO - HEMBRA ASIENTO PLANO GIRATORIA - MACHO ASIENTO PLANO -(T)



Descr.	Prod. No.	"	MFFOR FFORX MFFOR			Weight
4MFFOR-4FFORX-4MFFOR	7259-00265	9/16-18	1/4	1/4	1/4	.17
6MFFOR-6FFORX-6MFFOR	7259-00135	11/16-16	3/8	3/8	3/8	.29
8MFFOR-8FFORX-8MFFOR	7259-00225	13/16-16	1/2	1/2	1/2	.35
10MFFOR-10FFORX-10MFFOR	7259-06815	1-14	5/8	5/8	5/8	.69
12MFFOR-12FFORX-12MFFOR	7259-00555	1 3/16-12	3/4	3/4	3/4	1.03
16MFFOR-16FFORX-16MFFOR	7259-06025	1 7/16-12	1	1	1	1.50
20MFFOR-20FFORX-20MFFOR	7259-04785	1 11/16-12	1 1/4	1 1/4	1 1/4	1.98

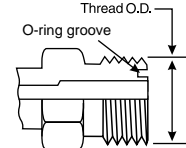
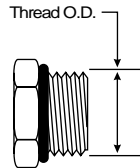
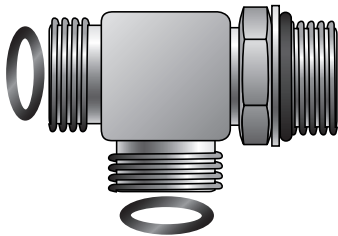
# ADAPTADORES

## MACHO ASIENTO PLANO - MACHO ASIENTO PLANO - MACHO O-Ring Boss (T)



Descr.	Prod. No.	MFFOR		MFFOR		MB		Lbs.
		"	"	"	"	"	"	
4MFFOR-4MFFOR-4MB	7259-31405	9/16-18	1/4	9/16-18	1/4	7/16-20	1/4	.17
6MFFOR-6MFFOR-6MB	7259-31515	11/16-16	3/8	11/16-16	3/8	9/16-18	3/8	.26
8MFFOR-8MFFOR-8MB	7259-31415	13/16-16	1/2	13/16-16	1/2	3/4-16	1/2	.35
10MFFOR-10MFFOR-10MB	7259-31425	1-14	5/8	1-14	5/8	7/8-14	5/8	.70
12MFFOR-12MFFOR-12MB	7259-31545	1 3/16-12	3/4	1 3/16-12	3/4	1 1/16-12	3/4	1.02
16MFFOR-16MFFOR-16MB	7259-31555	1 7/16-12	1	1 7/16-12	1	1 5/16-12	1	1.60
20MFFOR-20MFFOR-20MB	7259-31435	1 11/16-12	1 1/4	1 11/16-12	1 1/4	1 5/8-12	1 1/4	1.90

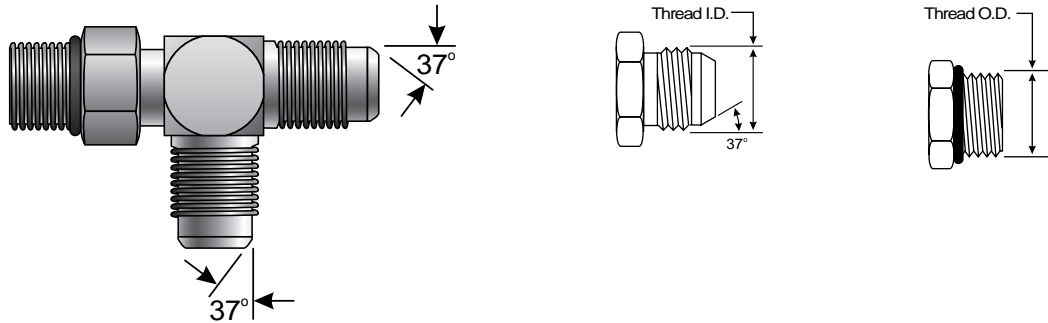
## MACHO ASIENTO PLANO - MACHO O-Ring BOSS- MACHO ASIENTO PLANO - (T)



Descr.	Prod. No.	MFFOR		MB		MFFOR		Lbs.
		"	"	"	"	"	"	
4MFFOR-4MB-4MFFOR	7259-31455	9/16-18	1/4	7/16-20	1/4	9/16-18	1/4	.15
6MFFOR-6MB-6MFFOR	7259-31605	11/16-16	3/8	9/16-18	3/8	11/16-16	3/8	.28
8MFFOR-8MB-8MFFOR	7259-31465	13/16-16	1/2	3/4-16	1/2	13/16-16	1/2	.35
10MFFOR-10MB-10MFFOR	7259-31615	1-14	5/8	7/8-14	5/8	1-14	5/8	.68
12MFFOR-12MB-12MFFOR	7259-31475	1 3/16-12	3/4	1 1/16-12	3/4	1 3/16-12	3/4	1.06
16MFFOR-16MB-16MFFOR	7259-31485	1 7/16-12	1	1 5/16-12	1	1 7/16-12	1	1.54
20MFFOR-20MB-20MFFOR	7259-31495	1 11/16-12	1 1/4	1 5/8-12	1 1/4	1 11/16-12	1 1/4	1.90

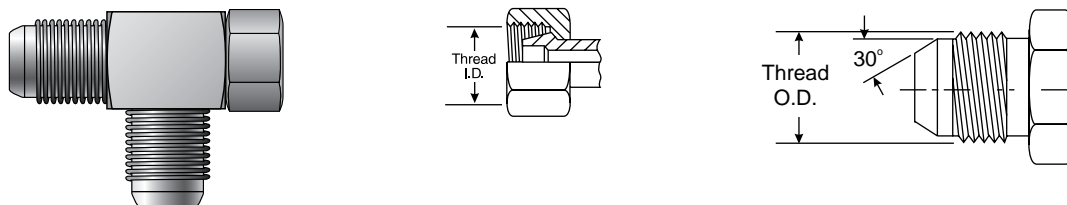
# ADAPTADORES

## MACHO O-Ring Boss - MACHO JIC - MACHO JIC - (T)



Descr.	Prod. No.	" " "			Weight Lbs.
		"	"	"	
4MB-4MJ-4MJ	7259-33685	7/16-20	1/4	7/16-20 1/4	.09
5MB-5MJ-5MJ	7259-33695	1/2-20	5/16	1/2-20 5/16	.15
6MB-6MJ-6MJ	7259-33705	9/16-18	3/8	9/16-18 3/8	.15
6MB-8MJ-6MJ	7259-00185	9/16-18	3/8	3/4-16 1/2	.28
8MB-8MJ-8MJ	7259-33715	3/4-16	1/2	3/4-16 1/2	.32
10MB-10MJ-10MJ	7259-33725	7/8-14	5/8	7/8-14 5/8	.46
12MB-12MJ-12MJ	7259-33735	1 1/16-12	3/4	1 1/16-12 3/4	.80
12MB-12MJ-16MJ	7259-09025	1 1/16-12	3/4	1 5/16-12 1	1.09
14MB-14MJ-14MJ	7259-09035	1 3/16-12	7/8	1 3/16-12 7/8	1.13
16MB-16MJ-16MJ	7259-33745	1 5/16-12	1	1 5/16-12 1	1.13
20MB-20MJ-20MJ	7259-07535	1 5/8-12	1 1/4	1 5/8-12 1 1/4	1.85
24MB-24MJ-24MJ	7259-09045	1 7/8-12	1 1/2	1 7/8-12 1 1/2	2.51

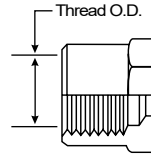
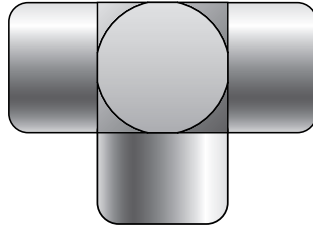
## MACHO Komatsu - HEMBRA Komatsu - MACHO Komatsu -(T)




Descr.	Prod. No.	" " "		Weight Lbs.
		"	"	
4MK-4FK-4MK	7253-65885	M14X1.5	M14X1.5	.15
6MK-6FK-6MK	7253-65905	M18X1.5	M18X1.5	.30
8MK-8FK-8MK	7253-65915	M22X1.5	M22X1.5	.50
10MK-10FK-10MK	7253-65925	M24X1.5	M24X1.5	.80
12MK-12FK-12MK	7253-65935	M30X1.5	M30X1.5	1.15

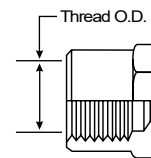
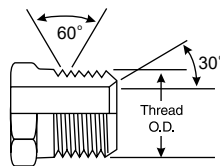
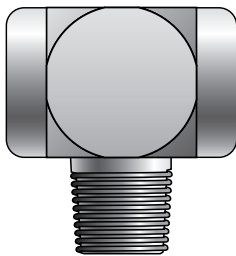
# ADAPTADORES


## HEMBRA NPTF - (T)



Descr.	Prod. No.					Weight
2FP-2FP-2FP	7259-23145	1/8-27	1/8	1/8	1/8	.08
4FP-4FP-4FP	7259-23155	1/4-18	1/4	1/4	1/4	.21
6FP-6FP-6FP	7259-23165	3/8-18	3/8	3/8	3/8	.26
8FP-8FP-8FP	7259-23175	1/2-14	1/2	1/2	1/2	.45
12FP-12FP-12FP	7259-23185	3/4-14	3/4	3/4	3/4	.67
16FP-16FP-16FP	7259-23195	1-11 1/2	1	1	1	1.32
20FP-20FP-20FP	7259-33145	1 1/4-11 1/2	1 1/4	1 1/4	1 1/4	1.40
24FP-24FP-24FP	7259-33155	1 1/2-11 1/2	1 1/2	1 1/2	1 1/2	4.20
32FP-32FP-32FP	7259-07245	2-11 1/2	2	2	2	4.30

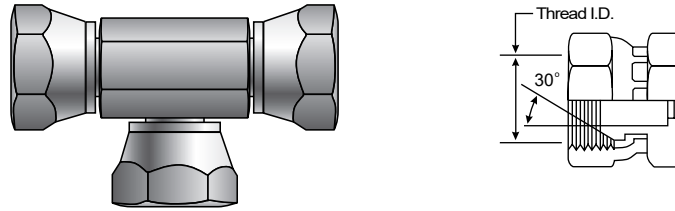
## HEMBRA NPTF - HEMBRA NPTF- MACHO NPTF - (T)




Descr.	Prod. No.					Weight
2FP-2FP-2MP	7259-24905	1/8-27	1/8	1/8	1/8	.08
4FP-4FP-4MP	7259-24915	1/4-18	1/4	1/4	1/4	.18
6FP-6FP-6MP	7259-24925	3/8-18	3/8	3/8	3/8	.21
8FP-8FP-8MP	7259-24935	1/2-14	1/2	1/2	1/2	.44
12FP-12FP-12MP	7259-24945	3/4-14	3/4	3/4	3/4	.88
16FP-16FP-16MP	7259-24955	1-11 1/2	1	1	1	1.22
20FP-20FP-20MP	7259-07875	1 1/4-11 1/2	1 1/4	1 1/4	1 1/4	1.45
24FP-24FP-24MP	7259-08765	1 1/2-11 1/2	1 1/2	1 1/2	1 1/2	4.19

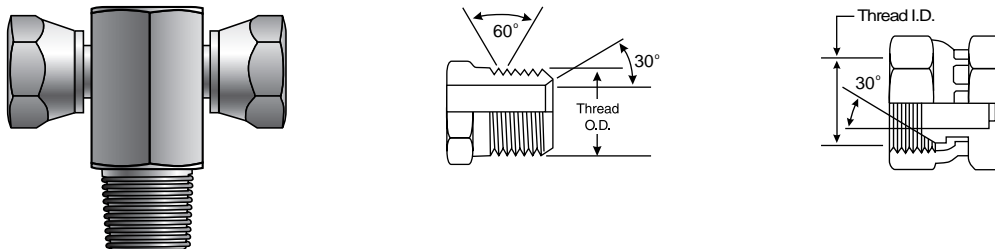
# ADAPTADORES


## HEMBRA NPSM GIRATORIO - (T)



Descr.	Prod. No.					Weight
2FPX-2FPX-2FPX	7253-33165	1/8-27	<b>1/8</b>	<b>1/8</b>	<b>1/8</b>	.12
4FPX-4FPX-4FPX	7253-33175	1/4-18	<b>1/4</b>	<b>1/4</b>	<b>1/4</b>	.20
6FPX-6FPX-6FPX	7253-33185	3/8-18	<b>3/8</b>	<b>3/8</b>	<b>3/8</b>	.35
8FPX-8FPX-8FPX	7259-33195	1/2-14	<b>1/2</b>	<b>1/2</b>	<b>1/2</b>	.44
12FPX-12FPX-12FPX	7259-33205	3/4-14	<b>3/4</b>	<b>3/4</b>	<b>3/4</b>	.76
16FPX-16FPX-16FPX	7253-33215	1-11 1/2	<b>1</b>	<b>1</b>	<b>1</b>	1.32
20FPX-20FPX-20FPX	7253-33225	1 1/4-11 1/2	<b>1 1/4</b>	<b>1 1/4</b>	<b>1 1/4</b>	2.32

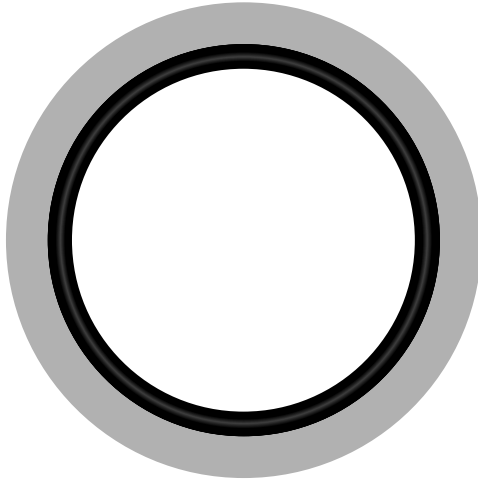
## HEMBRA NPSM - HEMBRA NPSM - MACHO NPTF - (T)



Descr.	Prod. No.					Weight
2FPX-2FPX-2MP	7253-86585	1/8-27	<b>1/8</b>	<b>1/8</b>	<b>1/8</b>	.10
4FPX-4FPX-4MP	7253-86586	1/4-18	<b>1/4</b>	<b>1/4</b>	<b>1/4</b>	.21
6FPX-6FPX-6MP	7253-86587	3/8-18	<b>3/8</b>	<b>3/8</b>	<b>3/8</b>	.39
8FPX-8FPX-8MP	7253-86588	1/2-14	<b>1/2</b>	<b>1/2</b>	<b>1/2</b>	.53
12FPX-12FPX-12MP	7253-86589	3/4-14	<b>3/4</b>	<b>3/4</b>	<b>3/4</b>	.87
16FPX-16FPX-16MP	7253-86591	1-11 1/2	<b>1</b>	<b>1</b>	<b>1</b>	1.47
20FPX-20FPX-20MP	7253-33235	1 1/4-11 1/2	<b>1 1/4</b>	<b>1 1/4</b>	<b>1 1/4</b>	2.50

# ADAPTADORES

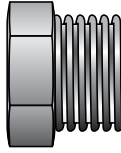
## SELLO METRICO




Descr.	Prod. No.	Hose I.D. (mm)	Weight
6MBDS	7253-64025	6.0	.01
8MBDS	7253-64035	8.0	.01
10MBDS	7253-64045	10.0	.01
12MBDS	7253-64055	12.0	.01
14MBDS	7253-64065	14.0	.01
16MBDS	7253-64075	16.0	.01
18MBDS	7253-64085	18.0	.01
20MBDS	7253-64095	20.0	.01
22MBDS	7253-64105	22.0	.01
24MBDS	7253-64115	24.0	.01
26MBDS	7253-64125	26.0	.01
27MBDS	7253-64135	27.0	.01
30MBDS	7253-64145	30.0	.01
33MBDS	7253-64155	33.0	.01
36MBDS	7253-64165	36.0	.01
42MBDS	7253-64175	42.0	.01
45MBDS	7253-64185	45.0	.01
50MBDS	7253-64195	50.0	.02
52MBDS	7253-64205	52.0	.01

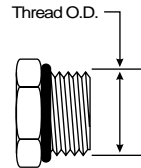
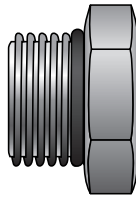
# ADAPTADORES


## TAPON MACHO MILIMETRICO - Plug



Descr.	Prod. No.		Weight
8MM-PLUG	7253-64215	M08X1.0	.01
10MM-PLUG	7253-64225	M10X1.5	.01
12MM-PLUG	7253-64235	M12X1.5	.01
14MM-PLUG	7253-64245	M14X1.5	.05
16MM-PLUG	7253-64255	M16X1.5	.05
18MM-PLUG	7253-64265	M18X1.5	.10
20MM-PLUG	7253-64275	M20X1.5	.10
22MM-PLUG	7253-64285	M22X1.5	.15
24MM-PLUG	7253-64295	M24X1.5	.15
26MM-PLUG	7253-64305	M26X1.5	.15
30MM-PLUG	7253-64315	M30X1.5	.40

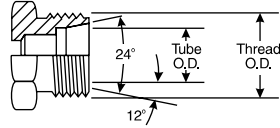
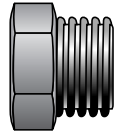
## TAPON MACHO BSP CON ORING - Plug




Descr.	Prod. No.		Weight
2MBSPOR-PLUG	7253-65345	1/8-28	<b>1/8</b> .01
4MBSPOR-PLUG	7253-65355	1/4-19	<b>1/4</b> 1.45
6MBSPOR-PLUG	7253-65365	3/8-19	<b>3/8</b> .05
8MBSPOR-PLUG	7253-65375	1/2-14	<b>1/2</b> .10
12MBSPOR-PLUG	7253-65385	3/4-14	<b>3/4</b> .15
16MBSPOR-PLUG	7253-65395	1-11	<b>1</b> .25
20MBSPOR-PLUG	7253-65405	1 1/4-11	<b>1 1/4</b> .40

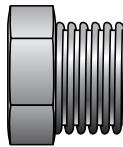
# ADAPTADORES


## TAPON MACHO MILIMETRICO SERIE LIVIANA -PLUG



Descr.	Prod. No.		Weight
6MDL-PLUG	7253-64325	M12X1.5	<b>3/8</b> .01
8MDL-PLUG	7253-64335	M14X1.5	<b>1/2</b> .01
10MDL-PLUG	7253-64345	M16X1.5	<b>5/8</b> .01
12MDL-PLUG	7253-64355	M18X1.5	<b>3/4</b> .05
15MDL-PLUG	7253-64365	M22X1.5	<b>0</b> .05
18MDL-PLUG	7253-64375	M26X1.5	<b>0</b> .10
22MDL-PLUG	7253-64385	M30X2.0	<b>0</b> .15
28MDL-PLUG	7253-64395	M36X2.0	<b>0</b> .30
35MDL-PLUG	7253-64405	M45X2.0	<b>0</b> .45
42MDL-PLUG	7253-64415	M52X2.0	<b>0</b> .70

## TAPON MACHO METRICO CON ORING - Plug

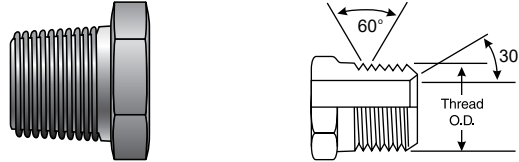



Descr.	Prod. No.		Weight
12MMOR-PLUG	7253-65415	M12X1.5	<b>3/4</b> .01
14MMOR-PLUG	7253-65425	M14X1.5	<b>7/8</b> .01
16MMOR-PLUG	7253-65435	M16X1.5	<b>1</b> .05
18MMOR-PLUG	7253-65445	M18X1.5	<b>0</b> .05
20MMOR-PLUG	7253-65455	M20X1.5	<b>1 1/4</b> .05
22MMOR-PLUG	7253-65465	M22X1.5	<b>0</b> .10
24MMOR-PLUG	7253-65475	M24X1.5	<b>1 1/2</b> .10
26MMOR-PLUG	7253-65485	M26X1.5	<b>0</b> .15
30MMOR-PLUG	7253-65495	M30X2.0	<b>0</b> .15
36MMOR-PLUG	7253-65505	M36X2.0	<b>0</b> .30
42MMOR-PLUG	7253-65515	M42X2.0	<b>0</b> .45



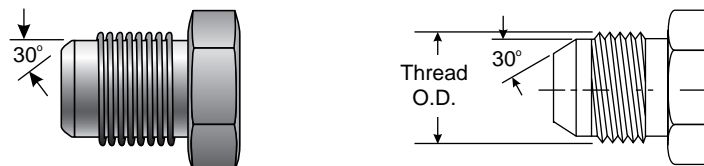
# ADAPTADORES


## TAPON MACHO NPTF PLUG



Descr.	Prod. No.			Weight
2MP-PLUG	7259-22815	1/8-27	<b>1/8</b>	.04
4MP-PLUG	7259-22825	1/4-18	<b>1/4</b>	.04
6MP-PLUG	7259-22835	3/8-18	<b>3/8</b>	.10
8MP-PLUG	7259-22845	1/2-14	<b>1/2</b>	.18
12MP-PLUG	7259-22855	3/4-14	<b>3/4</b>	.33
16MP-PLUG	7259-22865	1-11 1/2	<b>1</b>	.55
20MP-PLUG	7259-22875	1 1/4-11 1/2	<b>1 1/4</b>	.92
24MP-PLUG	7259-24395	1 1/2-11 1/2	<b>1 1/2</b>	1.59
32MP-PLUG	7259-32765	2-11 1/2	<b>2</b>	2.83

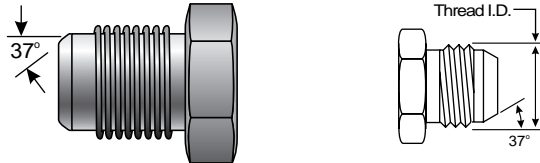
## TAPON MACHO Komatsu - Plug




Descr.	Prod. No.			Weight
4MK-PLUG	7253-65175	M14X1.5	<b>1/4</b>	.05
6MK-PLUG	7253-65185	M18X1.5	<b>3/8</b>	.10
8MK-PLUG	7253-65195	M22X1.5	<b>1/2</b>	.15
10MK-PLUG	7253-65205	M24X1.5	<b>5/8</b>	.25
12MK-PLUG	7253-65215	M30X1.5	<b>3/4</b>	.55
16MK-PLUG	7253-65225	M33X1.5	<b>1</b>	.60

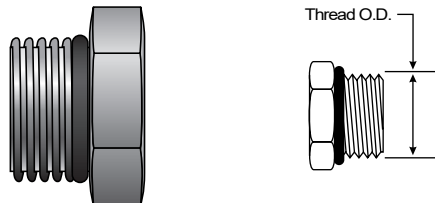
# ADAPTADORES


## TAPON MACHO JIC- Plug



Descr.	Prod. No.			Weight
3MJ-PLUG	7259-09775	3/8-24	<b>3/16</b>	.02
4MJ-PLUG	7259-22885	7/16-20	<b>1/4</b>	.04
5MJ-PLUG	7259-22895	1/2-20	<b>5/16</b>	.05
6MJ-PLUG	7259-22905	9/16-18	<b>3/8</b>	.05
8MJ-PLUG	7259-22915	3/4-16	<b>1/2</b>	.09
10MJ-PLUG	7259-22925	7/8-14	<b>5/8</b>	.13
12MJ-PLUG	7259-22935	1 1/16-12	<b>3/4</b>	.21
14MJ-PLUG	7259-22945	1 5/16-12	<b>7/8</b>	.29
16MJ-PLUG	7259-22955	1 5/16-12	<b>1</b>	.34
20MJ-PLUG	7259-22965	1 5/8-12	<b>1 1/4</b>	.56
32MJ-PLUG	7259-33765	2 1/2-12	<b>2</b>	1.76

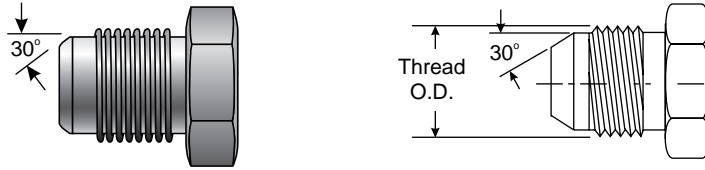
## TAPON MACHO O-Ring Boss Plug



Descr.	Prod. No.			Weight
2MB-PLUG	7259-05415	5/16-24	<b>1/8</b>	.02
3MB-PLUG	7259-05255	3/8-24	<b>3/16</b>	.13
4MB-PLUG	7259-22975	7/16-20	<b>1/4</b>	.04
5MB-PLUG	7259-22985	1/2-20	<b>5/16</b>	.05
6MB-PLUG	7259-22995	9/16-18	<b>3/8</b>	.06
8MB-PLUG	7259-23005	3/4-16	<b>1/2</b>	.10
10MB-PLUG	7259-23015	7/8-14	<b>5/8</b>	.15
12MB-PLUG	7259-23025	1 1/16-12	<b>3/4</b>	.26
14MB-PLUG	7259-23035	1 3/16-12	<b>7/8</b>	.32
16MB-PLUG	7259-23045	1 5/16-12	<b>1</b>	.37
20MB-PLUG	7259-23055	1 5/8-12	<b>1 1/4</b>	.64
24MB-PLUG	7259-05185	1 7/8-12	<b>1 1/2</b>	.86
32MB-PLUG	7259-07615	2 1/2-12	<b>2</b>	1.66

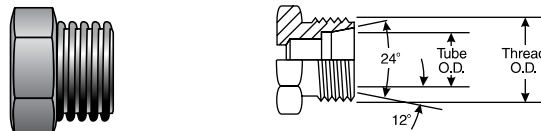
# ADAPTADORES

## TAPON MACHO JIS -Plug



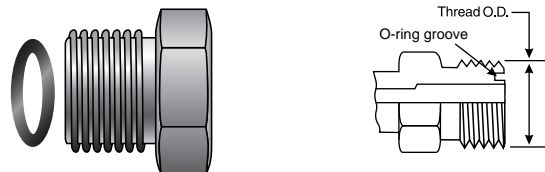
Descr.	Prod. No.			Weight
4MJIS-PLUG	7253-64955	1/4-19	1/4	.05
6MJIS-PLUG	7253-64965	3/8-19	3/8	.10
8MJIS-PLUG	7253-64975	1/2-14	1/2	.15
12MJIS-PLUG	7253-64985	3/4-14	3/4	.35
16MJIS-PLUG	7253-64995	1-11	1	.55
20MJIS-PLUG	7253-65005	1 1/4-11	1 1/4	1.00
24MJIS-PLUG	7253-65015	1 1/2-11	1 1/2	1.50
32MJIS-PLUG	7253-65025	2-11	2	2.75

## TAPON MACHO MILIMETRICO SERIE PESADA - Plug



Descr.	Prod. No.			Weight
8MDH-PLUG	7253-64535	M16X1.5	1/2	.05
10MDH-PLUG	7253-64545	M18X1.5	5/8	.05
12MDH-PLUG	7253-64555	M20X1.5	3/4	.10
14MDH-PLUG	7253-64565	M22X1.5	7/8	.10
16MDH-PLUG	7253-64575	M24X1.5	1	.15
20MDH-PLUG	7253-64585	M30X2.0	1 1/4	.25
25MDH-PLUG	7253-64595	M36X2.0	0	.50
30MDH-PLUG	7253-64605	M42X2.0	0	.65
38MDH-PLUG	7253-64615	M52X2.0	0	1.10

## TAPON MACHO ASIENTO PLANO - Plug




Descr.	Prod. No.			Weight
4MFFOR-PLUG	7259-32045	9/16-18	1/4	.05
6MFFOR-PLUG	7259-32055	11/16-16	3/8	.08
8MFFOR-PLUG	7259-32065	13/16-16	1/2	.11
10MFFOR-PLUG	7259-32075	1-14	5/8	.22
12MFFOR-PLUG	7259-32085	1 3/16-12	3/4	.40
16MFFOR-PLUG	7259-32095	1 7/16-12	1	.45
20MFFOR-PLUG	7259-32105	1 11/16-12	1 1/4	.58
24MFFOR-PLUG	7259-32115	2-12	1 1/2	1.32
32MFFOR-PLUG	7259-09655	2 1/2-12	2	1.26

# ADAPTADORES


## TAPON HEMBRA ASIEN TO PLANO - Cap



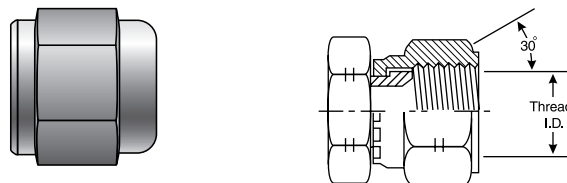
Descr.	Prod. No.		Weight
4FFOR-CAP	7253-32125	9/16-18	<b>1/4</b> .04
6FFOR-CAP	7253-32135	11/16-16	<b>3/8</b> .08
8FFOR-CAP	7253-32145	13/16-16	<b>1/2</b> .12
10FFOR-CAP	7253-32155	1-14	<b>5/8</b> .14
12FFOR-CAP	7253-32165	1 3/16-12	<b>3/4</b> .26
16FFOR-CAP	7253-32175	1 7/16-12	<b>1</b> .37
20FFOR-CAP	7253-32185	1 11/16-12	<b>1 1/4</b> .54
24FFOR-CAP	7253-32195	2-12	<b>1 1/2</b> .81


## TAPON HEMBRA MILIMETRICA SERIE LIVIANA - Cap



Descr.	Prod. No.		Weight
6FDL-CAP	7253-64425	M12X1.5	<b>3/8</b> .01
8FDL-CAP	7253-64435	M14X1.5	<b>1/2</b> .01
10FDL-CAP	7253-64445	M16X1.5	<b>5/8</b> .05
12FDL-CAP	7253-64455	M18X1.5	<b>3/4</b> .05
15FDL-CAP	7253-64465	M22X1.5	<b>0</b> .15
18FDL-CAP	7253-64475	M26X1.5	<b>0</b> .20
22FDL-CAP	7253-64485	M30X2.0	<b>0</b> .30
28FDL-CAP	7253-64495	M36X2.0	<b>0</b> .35
35FDL-CAP	7253-64505	M45X2.0	<b>0</b> .60
42FDL-CAP	7253-64515	M52X2.0	<b>0</b> .43

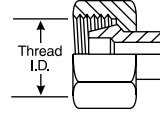
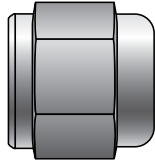
## TAPON HEMBRA Komatsu - Cap




Descr.	Prod. No.		Weight
4FK-CAP	7253-65115	M14X1.5	<b>1/4</b> .45
6FK-CAP	7253-65125	M18X1.5	<b>3/8</b> .10
8FK-CAP	7253-65135	M22X1.5	<b>1/2</b> .15
10FK-CAP	7253-65145	M24X1.5	<b>5/8</b> .20
12FK-CAP	7253-65155	M30X1.5	<b>3/4</b> .50
16FK-CAP	7253-65165	M33X1.5	<b>1</b> .65

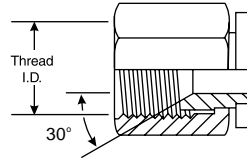
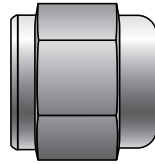
# ADAPTADORES


## TAPON HEMBRA MILIMETRICA SERIE PESADA- Cap



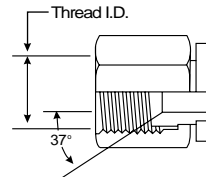
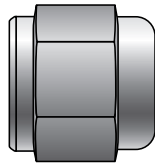
Descr.	Prod. No.		Weight
8FDH-CAP	7253-64635	M16X1.5	<b>1/2</b> .05
10FDH-CAP	7253-64645	M18X1.5	<b>5/8</b> .05
12FDH-CAP	7253-64655	M20X1.5	<b>3/4</b> .10
14FDH-CAP	7253-64665	M22X1.5	<b>7/8</b> .15
16FDH-CAP	7253-64675	M24X1.5	<b>1</b> .20
20FDH-CAP	7253-64685	M30X2.0	<b>1 1/4</b> .35
25FDH-CAP	7253-64695	M36X2.0	<b>0</b> .60
30FDH-CAP	7253-64705	M42X2.0	<b>0</b> .75
38FDH-CAP	7253-64715	M52X2.0	<b>0</b> 1.15


## TAPON HEMBRA JIS - Cap



Descr.	Prod. No.		Weight
4FJIS-CAP	7253-64875	1/4-19	<b>1/4</b> .05
6FJIS-CAP	7253-64885	3/8-19	<b>3/8</b> .10
8FJIS-CAP	7253-64895	1/2-14	<b>1/2</b> .15
12FJIS-CAP	7253-64905	3/4-14	<b>3/4</b> .30
16FJIS-CAP	7253-64915	1-11	<b>1</b> .65
20FJIS-CAP	7253-64925	1 1/4-11	<b>1 1/4</b> 1.20
32FJIS-CAP	7253-64945	2-11	<b>2</b> 3.50

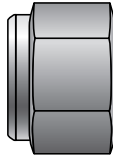
## TAPON HEMBRA JIC- Cap




Descr.	Prod. No.		Weight
2FJ-CAP	7259-09865	5/16-24	<b>1/8</b> .01
3FJ-CAP	7259-07435	3/8-24	<b>3/16</b> .02
4FJ-CAP	7259-24305	7/16-20	<b>1/4</b> .03
5FJ-CAP	7259-24315	1/2-20	<b>5/16</b> .05
6FJ-CAP	7259-24325	9/16-18	<b>3/8</b> .04
8FJ-CAP	7259-24335	3/4-16	<b>1/2</b> .08
10FJ-CAP	7259-24345	7/8-14	<b>7/8</b> .10
12FJ-CAP	7259-24355	1 1/16-12	<b>3/4</b> .20
14FJ-CAP	7259-00445	1 3/16-12	<b>7/8</b> .24
16FJ-CAP	7259-24365	1 5/16-12	<b>1</b> .30
20FJ-CAP	7253-24375	1 5/8-12	<b>1 1/4</b> .10
24FJ-CAP	7259-24385	1 7/8-12	<b>1 1/2</b> .82
32FJ-CAP	7259-24405	2 1/2-12	<b>2</b> 1.59

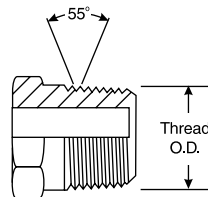
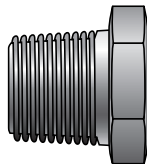
# ADAPTADORES


## TAPON HEMBRA BSPP - Cap



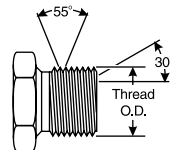
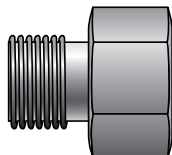
Descr.	Prod. No.		Weight
2FBSPP-CAP	7253-63455	1/8-28	<b>1/8</b> .01
4FBSPP-CAP	7253-63465	1/4-19	<b>1/4</b> .05
6FBSPP-CAP	7253-63475	3/8-19	<b>3/8</b> .10
8FBSPP-CAP	7253-63485	1/2-14	<b>1/2</b> .15
10FBSPP-CAP	7253-63495	5/8-14	<b>5/8</b> .15
12FBSPP-CAP	7253-63505	3/4-14	<b>3/4</b> .20
16FBSPP-CAP	7253-63515	1-11	<b>1</b> .30
20FBSPP-CAP	7253-63525	1 1/4-11	<b>1 1/4</b> .55
24FBSPP-CAP	7253-63535	1 1/2-11	<b>1 1/2</b> 1.00
32FBSPP-CAP	7253-63545	2-11	<b>2</b> 1.80


## TAPON MACHO BSPT - Plug



Descr.	Prod. No.		Weight
2MBSPT-PLUG	7253-63555	1/8-28	<b>1/8</b> .01
4MBSPT-PLUG	7253-63565	1/4-19	<b>1/4</b> .05
6MBSPT-PLUG	7253-63575	3/8-19	<b>3/8</b> .10
8MBSPT-PLUG	7253-63585	1/2-14	<b>1/2</b> .15
10MBSPT-PLUG	7253-63595	5/8-14	<b>5/8</b> .20
12MBSPT-PLUG	7253-63605	3/4-14	<b>3/4</b> .30
16MBSPT-PLUG	7253-63615	1-11	<b>1</b> .55
20MBSPT-PLUG	7253-63625	1 1/4-11	<b>1 1/4</b> 1.05
24MBSPT-PLUG	7253-63635	1 1/2-11	<b>1 1/2</b> 1.40

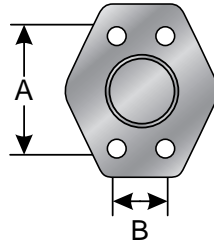
## TAPON MACHO BSPP - Plug



Descr.	Prod. No.		Weight
2MBSPP-PLUG	7253-63655	1/8-28	<b>1/8</b> .01
4MBSPP-PLUG	7253-63665	1/4-19	<b>1/4</b> .01
6MBSPP-PLUG	7253-63675	3/8-19	<b>3/8</b> .05
8MBSPP-PLUG	7253-63685	1/2-14	<b>1/2</b> .15
10MBSPP-PLUG	7253-63695	5/8-14	<b>5/8</b> .15
12MBSPP-PLUG	7253-63705	3/4-14	<b>3/4</b> .25
16MBSPP-PLUG	7253-63715	1-11	<b>1</b> .45
20MBSPP-PLUG	7253-63725	1 1/4-11	<b>1 1/4</b> .65
24MBSPP-PLUG	7253-63735	1 1/2-11	<b>1 1/2</b> .80
32MBSPP-PLUG	7253-63745	2-11	<b>2</b> 1.65

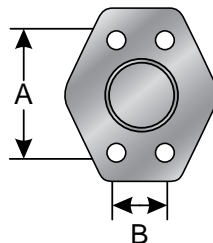
# ADAPTADORES

## TAPON BRIDA CODIGO 61



Descr.	Prod. No.	Nom. Flg. Size	A (In.)	B (In.)	Weight
12FL-CAP	7253-66115	3/4	1.88	.41	.50
16FL-CAP	7253-66125	1	2.06	.41	.55
20FL-CAP	7253-66135	1 1/4	2.31	.47	.80
24FL-CAP	7253-66145	1 1/2	2.75	.53	1.10
32FL-CAP	7253-66155	2	3.06	.53	1.40

## TAPON BRIDA CODIGO 62

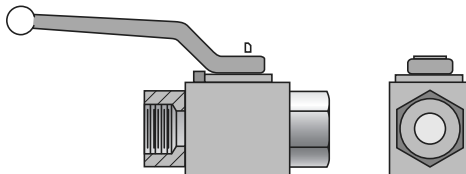


Descr.	Prod. No.	Nom. Flg. Size	A (In.)	B (In.)	Weight
12FLH-CAP	7253-66165	3/4	2.00	.41	.65
16FLH-CAP	7253-66175	1	2.25	.47	.80
20FLH-CAP	7253-66185	1 1/4	2.63	.53	1.10
24FLH-CAP	7253-66195	1 1/2	3.13	.66	1.80
32FLH-CAP	7253-66205	2	3.81	.78	2.60

# VALVULAS

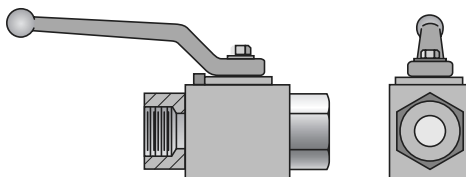
## Dos Salidas

### Hembra O-Ring Boss



Descr.	Prod. No.	⊖	🌀	🕒	Weight
					Lbs.
4FB-4FBBV	7317-00075	1/4	7/16-20	7350	.80
6FB-6FBBV	7317-00085	3/8	9/16-18	7350	1.20
8FB-8FBBV	7317-00095	1/2	3/4-16	7350	1.45
12FB-12FBBV	7317-00105	1/2	1 1/16-12	5880	3.35
16FB-16FBBV	7317-00115	1	1 5/16-12	5145	4.55

### Hembra NPTF



Descr.	Prod. No.	⊖	🌀	🕒	Weight
					Lbs.
4FP-4FPBV	7317-00015	1/4	1/4	7350	.80
6FP-6FPBV	7317-00025	3/8	3/8	7350	1.20
8FP-8FPBV	7317-00035	1/2	1/2	7350	1.45
12FP-12FPBV	7317-00045	3/4	3/4	5880	3.35
16FP-16FPBV	7317-00055	1	1	5145	4.55
20FP-16FPBV	7317-00065	1	1 1/4	5145	4.85

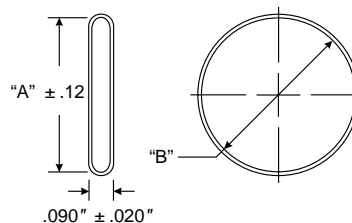


# ACCESORIOS

## PROTECTOR DE NYLON



Determining the Size of a Sleeve  
 $B = \text{Nominal I.D.} = "A" \times 2 \div 3.14$



Descr.	Prod. No.	"A" Inside Flat (In.)	"B" Sleeve I.D. (In.)	Weight
HG-10	7277-1067	1.07	.68	.06
HG-14	7277-1010	1.42	.90	.04
HG-16	7277-1011	1.67	1.06	.05
HG-20	7277-1012	1.92	1.22	.06
HG-24	7277-1013	2.24	1.42	.06
HG-26	7277-1377	2.50	1.59	.07
HG-28	7277-1014	2.85	1.81	.08
HG-32	7277-1015	3.44	2.19	.10
HG-38	7277-1016	3.74	2.38	.10
HG-42	7277-1018	4.12	2.62	.09
HG-46	7277-1024	4.53	2.88	.10
HG-64	7277-1276	6.91	4.40	.21

# ACCESORIOS

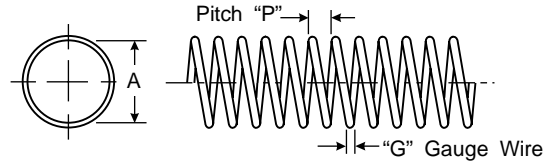
## PROTECTORES



Descr.	Prod. No.	"A" Inside Flat (In.)	"B" Sleeve I.D. (In.)	Weight
14LG3K	7277-1850	1.11	.71	.07
14LG4K	7277-1960	1.38	.88	.10
14LG5K	7277-1950	1.38	.88	.10
16LG3K	7277-1851	1.42	.91	.08
16LG4K	7277-1961	1.62	1.03	.10
16LG5K	7277-1951	1.62	1.03	.10
20LG3K	7277-1852	1.67	1.06	.09
20LG4K	7277-1962	1.91	1.22	.10
20LG5K	7277-1952	1.91	1.22	.14
22LG3K	7277-1853	2.13	1.35	.09
22LG4K	7277-1963	1.98	1.26	.10
22LG5K	7277-1953	2.13	1.35	.10
26LG3K	7277-1854	2.36	1.50	.18
26LG4K	7277-1964	2.50	1.59	.10
26LG5K	7277-1954	2.50	1.59	.10
32LG3K	7277-1855	2.78	1.99	.10
32LG4K	7277-1965	2.78	1.99	.10

# ACCESORIOS

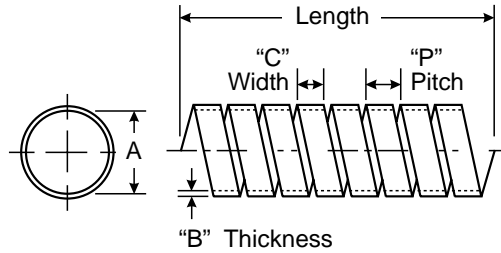
## PROTECTOR METALICO EN ESPIRAL



Descr.	Prod. No.	A (In.) (+.015)	G (In.)	P (In.)	Weight
1 1/8" RSG-25FT	7277-0522	1.122	14 (.080)	7/32	.15
1 11/32" RSG-25FT	7277-0517	1.340	11 (.120)	11/32	.55
1 27/32" RSG-10FT	7277-0524	1.847	14 (.080)	13/32	.35
1 3/64" RSG-25FT	7277-0515	1.040	14 (.080)	7/32	.30
1 37/64" RSG-25FT	7277-0518	1.578	11 (.120)	11/32	.65
1 5/8" RSG-25FT	7277-0519	1.625	11 (.120)	11/32	.27
1 9/32" RSG-25FT	7277-0516	1.278	11 (.120)	11/32	.50
2 1/8" RSG-7FT	7277-0548	2.120	11 (.120)	11/32	.82
2 7/64" RSG-7FT	7277-0523	2.112	14 (.080)	13/32	.30
11/16" RSG-25FT	7277-0535	.682	16 (.065)	7/32	.41
35/64" RSG-25FT	7277-0521	.550	14 (.080)	7/32	.16
47/64" RSG-25FT	7277-0511	.738	14 (.080)	7/32	.22
49/64" RSG-25FT	7277-0510	.676	14 (.080)	7/32	.19
55/64" RSG-25FT	7277-0512	.852	14 (.080)	7/32	.23
59/64" RSG-25FT	7277-0513	.915	14 (.080)	7/32	.27
63/64" RSG-25FT	7277-0514	.977	14 (.080)	7/32	.26

# ACCESORIOS

## PROTECTOR METALICO PLANO



Descr.	Prod. No.	A (In.) (+.015)	B (In.)	C (In.)	P (In.)	Weight
1 11/16" FSG-5FT	7277-0529	1.687	.028	1/2	5/8	.50
1 27/32" FSG-15FT	7277-0531	1.844	.028	1/2	5/8	.35
1 3/32" FSG-25FT	7277-0530	1.093	.028	1/2	5/8	.20
1 3/8" FSG-25FT	7277-0532	1.375	.028	1/2	5/8	.20
1 5/8" FSG-25FT	7277-0509	1.625	.028	1/2	5/8	.40
1 51/64" FSG-15FT	7277-0525	1.797	.028	1/2	5/8	.52
1 7/32" FSG-25FT	7277-0507	1.219	.028	1/2	5/8	.29
1 9/16" FSG-25FT	7277-0520	1.562	.028	1/2	5/8	.39
1 9/32" FSG-25FT	7277-0508	1.281	.028	1/2	5/8	.32
1" FSG-25FT	7277-0506	1.000	.028	1/2	5/8	.25
2 11/32" FSG-5FT	7277-0528	2.343	.028	1/2	5/8	.63
2 3/32" FSG-10FT	7277-0527	2.093	.028	1/2	5/8	.63
2 7/8" FSG-5FT	7277-0526	2.875	.028	1/2	5/8	.65
7/8" FSG-25FT	7277-0504	.875	.028	1/2	5/8	.22
13/16" FSG-25FT	7277-0503	.812	.028	1/4	3/8	.20
21/32" FSG-25FT	7277-0501	.656	.019	3/8	1/2	.17
22/32" FSG-25FT	7277-0502	.719	.019	3/8	1/2	.14
35/64" FSG-25FT	7277-0500	.550	.019	3/8	1/2	.14
39/64" FSG-25FT	7277-0533	.609	.032	1/4	3/8	.10
51/64" FSG-25FT	7277-0534	.797	.032	3/8	1/2	.22
61/64" FSG-25FT	7277-0505	.953	.028	1/2	5/8	.24

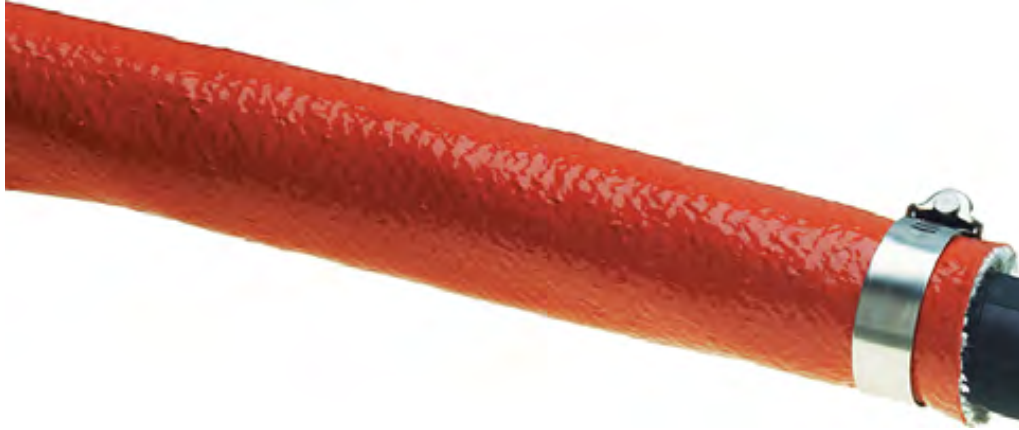
## PROTECTOR DE POLIETILENO



Descr.	Prod. No.	Coil I.D. (In.)	Fits Min. Hose O.D. (In.)	Fits Max. Hose O.D. (In.)	Wall Thickness (In.)	Width (In.)	Weight
6PSB POLY SLEEVE	7277-1174	.38	.38	.52	.060	3/8	.04
8PSB POLY SLEEVE	7277-1175	.50	.52	.64	.070	9/16	.05
12PSB POLY SLEEVE	7277-1176	.63	.63	.85	.080	5/8	.07
16PSB POLY SLEEVE	7277-1177	.84	.86	1.08	.080	7/8	.09
20PSB POLY SLEEVE	7277-1178	1.06	1.10	1.35	.100	15/16	.11
24PSB POLY SLEEVE	7277-1179	1.34	1.36	1.74	.120	1 3/16	.16
28PSB POLY SLEEVE	7277-1180	1.73	1.75	2.18	.120	1 7/16	.27
36PSB POLY SLEEVE	7277-1181	2.17	2.19	2.61	.160	1 1/2	.41
44PSB POLY SLEEVE	7277-1182	2.60	2.62	3.11	.180	1 11/16	.55
48PSB POLY SLEEVE	7277-1183	3.10	3.12	3.95	.220	1 7/8	.78
56PSB POLY SLEEVE	7277-1184	3.90	3.95	4.25	.220	2 1/4	.99
R110-SH BLACK	7277-0001	—	—	—	—	—	1.07

# ACCESORIOS

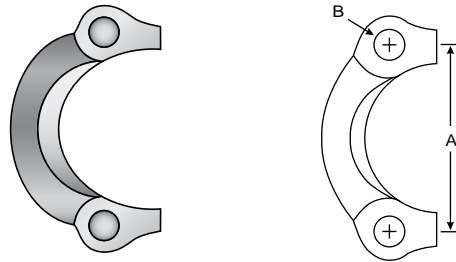
## PROTECTOR ANTILLAMA



Descr.	Prod. No.	I.D. (In.)	Weight
HTG-4	7277-1571	.25	.07
HTG-5	7277-1572	.31	.07
HTG-6	7277-1573	.38	.09
HTG-7	7277-1574	.44	.09
HTG-8	7277-1575	.50	.10
HTG-9	7277-1576	.56	.10
HTG-10	7277-1577	.62	.11
HTG-11	7277-1578	.69	.12
HTG-12	7277-1579	.75	.13
HTG-13	7277-1580	.81	.13
HTG-14	7277-1581	.88	.14
HTG-15	7277-1582	.94	.15
HTG-16	7277-1196	1.00	.16
HTG-18	7277-1197	1.12	.18
HTG-20	7277-1583	1.25	.18
HTG-22	7277-1584	1.38	.22
HTG-24	7277-1585	1.50	.24
HTG-26	7277-1586	1.62	.25
HTG-28	7277-1587	1.75	.28
HTG-30	7277-1588	1.88	.28
HTG-32	7277-1589	2.00	.30
HTG-34	7277-1590	2.12	.33
HTG-36	7277-1591	2.25	.32
HTG-38	7277-1592	2.38	.36
HTG-40	7277-1593	2.50	.35
HTG-44	7277-1595	2.75	.41
HTG-56	7277-1600	3.00	.53
HTG-64	7277-1602	4.00	.55

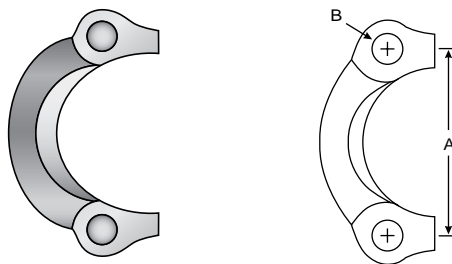
# ACCESORIOS

## PORTABRIDA (CODIGO 61 - SAE J518)



Descr.	Prod. No.	Nom. Fig. Size	A (In.)	B (In.)	Weight
8CFHS	7253-07015	1/2	1.50	.34	.40
12CFHS	7253-07025	3/4	1.88	.41	.60
16CFHS	7253-07035	1	2.06	.41	.72
20CFHS	7253-07045	1 1/4	2.31	.47	1.10
24CFHS	7253-07055	1 1/2	2.75	.53	2.48
32CFHS	7253-07065	2	3.06	.53	1.64
40CFHS	7253-01305	2 1/2	3.50	.54	2.50
48CFHS	7253-01315	3	4.19	.66	4.00
56CFHS	7253-01325	3 1/2	4.75	.66	4.00
64CFHS	7253-01335	4	4.75	.66	4.75

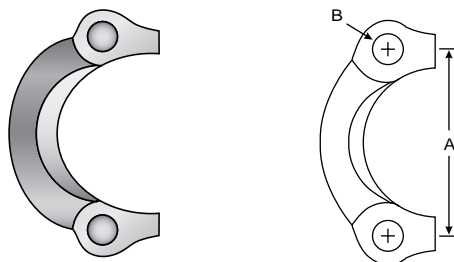
## PORTABRIDA (CODIGO 62 - SAE J518)



Descr.	Prod. No.	Nom. Fig. Size	A (In.)	B (In.)	Weight
8FHHS	7253-09775	1/2	1.55	.34	.03
12FHHS	7253-09785	3/4	2.00	.41	.95
16FHHS	7253-09795	1	2.25	.47	1.60
20FHHS	7253-09805	1 1/4	2.63	.53	2.50
24FHHS	7253-09815	1 1/2	3.13	.66	4.40
32FHHS	7253-09825	2	3.81	.78	6.87

# ACCESORIOS

## PORTABRIDA CATERPILLAR



Descr.	Prod. No.	Nom. Fig. Size	A (In.)	B (In.)	Weight
12CATFHS	7253-37025	3/4	2.00	.41	1.51
16CATFHS	7253-37035	1	2.25	.47	1.20
20CATFHS	7253-37045	1 1/4	2.63	.53	1.80
24CATFHS	7253-37055	1 1/2	3.13	.66	4.25
32CATFHS	7253-37065	2	3.81	.78	6.80



# ACCESORIOS

## ORINGS PARA CONECTORES BOSS



Descr.	Prod. No.	I.D. (In.)	Wall (In.)	Weight
3 O-RING	7254-0003	19/64	1/16	.02
4 O-RING	7254-0004	11/32	5/64	.01
5 O-RING	7254-0005	13/32	5/64	.02
6 O-RING	7254-0006	15/32	5/64	.01
8 O-RING	7254-0008	41/64	3/32	.01
10 O-RING	7254-0010	3/4	3/32	.02
12 O-RING	7254-0012	59/64	7/64	.01
14 O-RING	7254-0014	1 3/64	7/64	.02
16 O-RING	7254-0016	1 11/64	7/64	.02
20 O-RING	7254-0020	1 15/32	7/64	.02

## ORINGS PARA CONECTORES ASIENTOS PLANOS



Descr.	Prod. No.	Ref. Coupling Size (In.)	Arp. No.	Weight
4 O-RING FF	7254-0125	1/4	011	.01
6 O-RING FF	7254-0126	3/8	012	.01
8 O-RING FF	7254-0127	1/2	014	.01
10 O-RING FF	7254-0128	5/8	016	.01
12 O-RING FF	7254-0129	3/4	018	.01
16 O-RING FF	7254-0130	1	021	.01
20 O-RING FF	7254-0131	1 1/4	025	.01
24 O-RING FF	7254-0132	1 1/2	029	.04

## ORINGS PARA CONECTORES BSPP



Descr.	Prod. No.	I.D. (mm)	Wall (mm)	Weight
4 O-RING FBSPP	7254-1166	6.5	1.0	.01
6 O-RING FBSPP	7254-1154	7.1	1.6	.01
8 O-RING FBSPP	7254-1157	11.1	1.6	.01
10 O-RING FBSPP	7254-1159	12.1	1.6	.01
12 O-RING FBSPP	7254-1162	17.1	1.6	.01
16 O-RING FBSPP	7254-1164	22.1	1.6	.01
20 O-RING FBSPP	7254-1165	27.1	1.6	.01

# ACCESORIOS

## ORINGS PARA CONECTORES MILIMETRICOS SERIE PESADA



Descr.	Prod. No.	I.D. (mm)	Wall (mm)	Weight
8 O-RING DIN H	7254-0154	6.0	1.5	.01
10 O-RING DIN H	7254-0151	7.1	1.6	.01
12 O-RING DIN H	7254-0153	9.1	1.6	.11
14 O-RING DIN H	7254-0150	10.5	1.8	.01
16 O-RING DIN H	7254-0149	11.9	1.8	.01
20 O-RING DIN H	7254-0152	16.6	2.4	.01
25 O-RING DIN H	7254-0144	21.6	2.4	.02
30 O-RING DIN H	7254-0146	27.6	2.4	.02
38 O-RING DIN H	7254-0145	34.6	2.4	.02

## ORINGS PARA CONECTORES MILIMETRICOS SERIE LIVIANA



Descr.	Prod. No.	I.D. (mm)	Wall (mm)	Weight
6 O-RING DIN H	7254-0206	4.0	1.5	.01
8 O-RING DIN H	7254-0207	6.0	1.5	.01
10 O-RING DIN H	7254-0208	7.5	1.5	.01
12 O-RING DIN H	7254-0209	9.0	1.5	.01
14 O-RING DIN H	7254-1132	10.0	2.0	.01
15/16 O-RING DIN L/H	7254-0200	12.0	2.0	.01
18 O-RING DIN L	7254-0201	15.0	2.0	.01
20 O-RING DIN H	7254-0210	16.3	2.4	.01
22 O-RING DIN L	7254-0202	20.0	2.0	.01
25 O-RING DIN H	7254-0211	20.3	2.4	.01
28 O-RING DIN L	7254-0203	26.0	2.0	.01
30 O-RING DIN H	7254-0212	25.3	2.4	.02
35 O-RING DIN L	7254-0204	32.0	2.5	.01
38 O-RING DIN H	7254-0213	33.3	2.4	.02
42 O-RING DIN L	7254-0205	38.0	2.5	.02

# ACCESORIOS

## ORINGS PARA BRIDA CODIGO 61, 62 Y CATERPILLAR.



Descr.	Prod. No.	I.D. (In.)	Wall (In.)	Weight
8 FLANGE O-RING	7254-0001	3/4	.139	.02
10 FLANGE O-RING	7254-0142	55/64	.139	.03
12 FLANGE O-RING	7254-0007	1.00	.139	.02
16 FLANGE O-RING	7254-0009	1 5/16	.139	.02
20 FLANGE O-RING	7254-0011	1 1/2	.139	.02
24 FLANGE O-RING	7254-0013	1 7/8	.139	.02
32 FLANGE O-RING	7254-0015	2 1/4	.139	.02
40 FLANGE O-RING	7254-0133	2 3/4	.139	.05
48 FLANGE O-RING	7254-0134	3 3/8	.139	.05
56 FLANGE O-RING	7254-0135	3 7/8	.139	.05
64 FLANGE O-RING	7254-0136	4 3/8	.139	.15