PRECIOS AL PUBLICO

# PRODUCTOS HIDRAULICOS

EDICION : **MA-H0426**
ABRIL 2026

* Sustituye MA-H0925
*Precios Sujetos a Cambio Sin Previo Aviso*

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## MEDIANA PRESION

### COVER SAE 100 R 5

***PARKER: 201 GATES: C5C***

Manguera multipropósitos, para líneas de baja y mediana presión conduciendo: aire, agua, gasolina, aceites minerales y vegetales, lubricantes, diesel.. Construcción: Tubo.- Hule sintético resistente al aceite. Refuerzo.- Una trenza textil y una trenza de acero de alto tensil. Cubierta.- Una trenza textil entrelazada con hule sintético. Rango de Temperatura: Servicio continúo -40° a + 100 ° C. Temperatura máxima de operación 125°C. Especificaciones que cumple: SAE 100 R5. Conexiones: Inserto MF 2000 – Tipo Multifit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -4 | 3 / 16” | 0.52 | 195 | 210.9 | 3,000 | 11,990 | 2.99 | M00310-03 | 150 | 234.39 |
| -5 | 1 / 4” | 0.58 | 240 | 210.9 | 3,000 | 11,990 | 3.39 | M00310-04 | 130 | 237.32 |
| -6 | 5 / 16” | 0.67 | 305 | 158.2 | 2,250 | 8,990 | 4.02 | M00310-05 | 130 | 256.36 |
| -8 | 13 / 32” | 0.76 | 360 | 140.6 | 2,000 | 8,000 | 4.61 | M00310-06 | 130 | 291.52 |
| -10 | 1 / 2” | 0.92 | 485 | 123.0 | 1,750 | 7,000 | 5.51 | M00310-08 | 105 | 366.23 |
| -12 | 5 / 8” | 1.08 | 645 | 105.5 | 1,500 | 6,000 | 6.50 | M00310-10 | 60 | 421.90 |
| -16 | 7 / 8” | 1.22 | 595 | 56.2 | 800 | 3,200 | 7.36 | * | 45 | 487.82 |
| -20 | 1 1 / 8” | 1.50 | 835 | 43.9 | 625 | 2,490 | 9.02 | * | 35 | 653.96 |
| -24 | 1 3 / 8” | 1.75 | 1,010 | 35.2 | 500 | 2,000 | 10.51 | * | 24 | 1,382.07 |
| -32 | 1 13 / 16” | 2.22 | 1,475 | 24.6 | 350 | 1,400 | 13.27 | * | 16 | 1,633.58 |

### HARVESTER 17 SAE 100 R 17

***PARKER: 451 TC GATES: M3K***

Para líneas de mediana presión en espacios reducidos, conduciendo: aceites minerales, vegetales y sintéticos, agua, aire, gasolina, lubricantes, diesel. Construcción: Tubo.- Hule sintético resistente al aceite. Refuerzo.- Una o dos mallas de acero de alto tensil. Cubierta.- Hule sintético resistente al ozono, abrasión e intemperismo. Rango de Temperatura: Servicio continuo -40° a + 100 ° C. Temperatura máxima de operación 125°C. Características especiales: Rango de presión isobárica. Conexiones: Inserto MF 2000 – Tipo Multifit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -4 | 1 / 4” | 0.47 | 180 | 213.71 | 3,040 | 12,180 | 1.97 | M00820-04 | 150 | 222.32 |
| -6 | 3 / 8” | 0.64 | 315 | 213.71 | 3,040 | 12,180 | 2.56 | M03400-06 | 135 | 276.51 |

** Medidas en ¾” también conocida como Lyte-Flex*

*Nota: Esta manguera ha sido descontinuada por Manuli, únicamente disponible hasta agotar existencias.*

### GOLDENISO/21 ANTIWEAR SAE 100 R 17

Manguera de cubierta lisa para líneas hidráulicas de baja y mediana presión ideal para aplicaciones con limitaciones de instalación como espacios reducidos y bajo radio de curvatura, la manguera es de estructura muy robusta y compacta en comparación con la presión nominal, alta resistencia a diversos factores ambientales. Recomendada para usos agrícolas, montacargas, aceite mineral, aceite vegetal, aceites basados en glicoles y poliglicoles, aceite en emulsión acuosa. Construcción: Tubo.- Caucho sintético resistente al aceite Refuerzo.- 1 o 2 espirales de acero de alto tensil, Cubierta.- Caucho sintético con alta resistencia a la abrasión, ozono, intemperie y resistencia al calor Rango de Temperatura: Servicio continúo -40° a + 100 ° C. Conexiones: Inserto MF 2000 – Tipo Multifit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -4 | 1 / 4” | 0.47 | 180 | 213.71 | 3,040 | 12,180 | 1.97 | M03400-04 | 150 | 253.21 |
| -6 | 3 / 8” | 0.64 | 300 | 213.71 | 3,040 | 12,180 | 2.56 | M03400-06 | 115 | 291.81 |
| -8 | 1 / 2” | 0.78 | 415 | 213.71 | 3,040 | 12,180 | 3.54 | M03400-08 | 135 | 318.59 |
| -10 | 5 / 8” | 0.94 | 620 | 213.71 | 3,040 | 12,180 | 3.94 | M03400-10 | 75 | 588.89 |
| -12 | 3 / 4” | 1.09 | 780 | 213.71 | 3,040 | 12,180 | 4.72 | M03400-12 | 75 | 720.01 |
| -16 | 1” | 1.39 | 1,120 | 213.71 | 3,040 | 12,180 | 5.91 | M03400-16 | 45 | 952.72 |

** 1 espiral de refuerzo en medidas de 3/16” a ½” 2 espirales de refuerzo en medidas de 5/8” a 1”*

## HARVESTER / 1T SAE 100 R 1 AT

***PARKER: 421 GATES: C1TH***

Para circuitos hidráulicos en equipos para la agricultura, movimiento de tierra, equipo minero conduciendo: aceites minerales, vegetales y sintéticos, agua, aire, gasolina, lubricantes, diesel. Construcción: Tubo.- Hule sintético resistente al aceite. Refuerzo.- Una malla de acero de alto tensil. Cubierta.- Hule sintético resistente a la temperatura, ozono y la abrasión. Rango de Temperatura: Servicio continúo -40° a + 100 ° C. Temperatura máxima de operación 125°C. Conexiones: Inserto MF 2000–Tipo Multifit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PRESION DE TRABAJO PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -32 | 2” | 2.48 | 2,200 | 26.4 | 375 | 1,500 | 24.80 | M03400-32 | 40 | 1,049.66 |

** Nota: Esta manguera ha sido descontinuada por Manuli, únicamente disponible hasta agotar existencias. Sustituida por Rockmaster 1SN*

## ROCKMASTER / 1SN

Para líneas de baja y mediana presión, líneas de retorno,en condiciones ambientales de trabajo pesado, instalaciones específicas con condiciones de abrasión severa, aplicaciones marinas, en minas subterráneas y minas a cielo abierto, conduciendo: aceites minerales, vegetales y sintéticos, agua, aire y lubricantes. Construcción: Tubo.- Hule sintético resistente al aceite. Refuerzo.- Una malla de acero de alto tensil. Cubierta.- Hule sintético resistente al ozono, abrasión e intemperismo. Rango de Temperatura: Servicio continuo -40° a + 100 ° C. Temperatura máxima de operación 125°C. Características especiales: Alta resistencia a la abrasión y al ozono, cubierta antiestática y atóxica. Conexiones: Inserto MF 2000 – Tipo Multifit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PRESION DE TRABAJO PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -4 | 1 / 4” | 0.51 | 240 | 229.2 | 3,260 | 14,500 | 3.94 | M03400-04 | 140 | 228.82 |
| -5 | 5 / 16” | 0.57 | 280 | 218.7 | 3,110 | 13,770 | 4.49 | M03400-05 | 135 | 261.51 |
| -6 | 3 / 8” | 0.67 | 320 | 183.5 | 2,610 | 11,600 | 5.00 | M03400-06 | 105 | 285.28 |
| -8 | 1 / 2” | 0.79 | 450 | 163.1 | 2,320 | 9,860 | 7.01 | M03400-08 | 135 | 368.49 |
| -10 | 5 / 8” | 0.92 | 510 | 132.2 | 1,880 | 8,700 | 7.87 | M03400-10 | 90 | 381.86 |
| -12 | 3 / 4” | 1.07 | 650 | 106.9 | 1,520 | 7,250 | 9.45 | M03400-12 | 75 | 523.65 |
| -16 | 1” | 1.38 | 960 | 91.4 | 1,300 | 5,220 | 11.81 | M03400-16 | 45 | 888.56 |
| -20 | 1 1 / 4” | 1.70 | 1,250 | 66.1 | 940 | 3,770 | 16.50 | M03400-20 | 40 | 977.67 |
| -24 | 1 1 / 2” | 1.96 | 1,600 | 50.6 | 720 | 3,770 | 19.69 | M03400-24 | 40 | 1,294.82 |
| -32 | 2” | 2.48 | 2,200 | 40.8 | 580 | 3,620 | 24.80 | M03400-32 | 40 | 1,824.92 |

## ALTA PRESION

### HARVESTER 2T SAE 100 R2 AT

***PARKER: 301*** ***GATES: C2ATH***

Para circuitos hidráulicos en equipos para la agricultura, movimiento de tierra, equipo minero, conduciendo: aceites minerales, vegetales y sintéticos, agua, aire, gasolina, lubricantes, diesel. Construcción: Tubo.- Hule sintético resistente al aceite. Refuerzo.- Dos mallas de acero de alto tensil. Cubierta.- Hule sintético resistente a la temperatura, ozono y la abrasión. Rango de Temperatura: Servicio continuo -40° a + 100 ° C. Temperatura máxima de operación 125°C. Conexiones: Inserto MF 2000 – Tipo Multifit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PRESION DE TRABAJO PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -20 | 1 1 / 4” | 1.85 | 2000 | 114.3 | 1625 | 6,500 | 16.54 | M03400-20 | 40 | 632.95 |

** Nota: Esta manguera ha sido descontinuada por Manuli, únicamente disponible hasta agotar existencias. Sustituida por Rockmaster 2SN*

### TRACTOR / 2T EXCEDE SAE 100 R 2AT DIN EN 853 / 2SN

***PARKER: 381*** ***GATES: C2AT***

Para líneas de mediana y alta presión, conduciendo: aceites minerales, vegetales y sintéticos, agua, aire, gasolina, lubricantes, diesel. Construcción: Tubo.- Hule sintético resistente al aceite. Refuerzo.- Dos mallas de acero de alto tensil. Cubierta.- Hule sintético resistente al ozono, abrasión e intemperismo. Rango de Temperatura: Servicio continuo -40° a + 100 ° C. Temperatura máxima de operación 125°C. Conexiones: Inserto MF 2000 – Tipo Multifit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PRESION DE TRABAJO PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -12 | 3 / 4” | 1.15 | 920 | 218.7 | 3,110 | 12,320 | 9.45 | M03400-12 | 65 | 311.63 |
| -20 | 1 1 / 4” | 1.85 | 1,965 | 127.3 | 1,810 | 7,250 | 16.50 | M03400-20 | 40 | 747.04 |

*Nota: Esta manguera ha sido descontinuada por Manuli, únicamente disponible hasta agotar existencias. Sustituida por Rockmaster 2SN*

### ROCKMASTER / 2SN

Para líneas de mediana y alta presión en condiciones de trabajo pesado, instalaciones específicas con condiciones de abrasión severa, aplicaciones marinas, minas subterráneas y minas a cielo abierto, conduciendo: aceites minerales, vegetales y sintéticos, agua, aire, gasolina, lubricantes, diesel. Construcción: Tubo.- Hule sintético resistente al aceite. Refuerzo.- Dos mallas de acero de alto tensil. Cubierta.- Hule sintético resistente al ozono, abrasión e intemperismo. Rango de Temperatura: Servicio continuo -40° a + 100 ° C. Temperatura máxima de operación 125°C. Conexiones: Inserto MF 2000 – Tipo Multifit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PRESION DE TRABAJO PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -4 | 1 / 4” | 0.58 | 365 | 407.8 | 5,800 | 25,380 | 1.97 | M03400-04 | 150 | 241.75 |
| -6 | 3 / 8” | 0.74 | 530 | 356.5 | 5,070 | 20,300 | 2.76 | M03400-06 | 75 | 274.70 |
| -8 | 1 / 2” | 0.86 | 650 | 356.5 | 5,070 | 20,300 | 3.50 | M03400-08 | 135 | 307.63 |
| -10 | 5 / 8” | 0.98 | 720 | 254.5 | 3,620 | 14,790 | 3.94 | M03400-10 | 75 | 423.10 |
| -12 | 3 / 4” | 1.15 | 930 | 218.7 | 3,110 | 13,050 | 5.12 | M03400-12 | 75 | 454.79 |
| -16 | 1” | 1.46 | 1,290 | 177.9 | 2,530 | 9,710 | 6.30 | M03400-16 | 45 | 646.76 |
| -20 | 1 1 / 4” | 1.85 | 1,930 | 142.7 | 2,030 | 8,700 | 16.50 | M03400-20 | 40 | 1,090.23 |
| -24 | 1 1 / 2” | 2.10 | 2,262 | 101.9 | 1,450 | 7,250 | 19.69 | M03400-24 | 40 | 1,216.57 |
| -32 | 2” | 2.61 | 2,880 | 91.4 | 1,300 | 6,090 | 24.80 | M03400-32 | 40 | 1,598.70 |

### FARMASTER / 2SC

Para líneas de mediana y alta presión con restricciones de instalación, líneas de retorno y succión. Para conducción de agua, aceites minerales, vegetales, sintéticos y aceites en emulsiones acuosas. Flexible y con excelente radio de curvatura, bajo peso, cubierta lisa y resistencia al vacío aprobada por la norma SAE 100 R4. Especificaciones: EN 857 e ISO 11237 2SC y SAE100R16 Construcción: Tubo.- Hule sintético resistente al aceite. Refuerzo: Dos mallas de acero de alto tensil. Cubierta: Acabado liso de hule sintético resistente al intemperismo. Rango de Temperatura: Servicio continuo -40° a + 100 ° C. Conexiones: Inserto MF 2000 – Tipo Multifit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PRESION DE TRABAJO PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -4 | 1 / 4” | 0.51 | 285 | 407.8 | 5,800 | 26,832 | 1.77 | M03300-04 | 150 | 149.05 |
| -6 | 3 / 8” | 0.66 | 397 | 336.4 | 4,785 | 21,756 | 2.55 | M03300-06 | 150 | 169.19 |
| -8 | 1 / 2” | 0.79 | 507 | 281.2 | 4,000 | 17,694 | 3.14 | M03300-08 | 120 | 227.59 |

## MUY ALTA PRESION

### ROCKMASTER / 12 SAE 100 R 12 EN 856 / R12

***PARKER: 772TC*** ***GATES: C12-MTF***

Para líneas de alta presión en uso de intemperismo rudo, instalaciones especiales con condiciones de abrasión severa, aplicaciones marinas, minería y agricultura; conduciendo: aceites minerales, vegetales y sintéticos, agua, aire, gasolina, lubricantes, diesel. Construcción: Tubo.- Hule sintético resistente al aceite. Refuerzo.- Cuatro espirales de acero de alto tensil. Cubierta.- Negra, hule sintético resistente al ozono, abrasión e intemperismo. Rango de Temperatura: Servicio continuo -40° a + 121°C. Temperatura máxima de operación 125°C. . Conexiones: Inserto MF 2000 – Tipo Multifit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -6 | 3 / 8" | 0.79 | 620 | 285.5 | 4,060 | 23,200 | 3.94 | M00910-06 | 105 | 698.77 |
| -8 | 1 / 2" | 0.93 | 760 | 285.5 | 4,060 | 19,570 | 4.92 | M00910-08 | 70 | 819.50 |
| -10 | 5 / 8" | 1.07 | 990 | 285.5 | 4,060 | 18,850 | 5.51 | M00910-10 | 60 | 984.23 |
| -12 | 3 / 4" | 1.20 | 1,165 | 285.5 | 4,060 | 18,850 | 5.91 | M00920-12 | 40 | 942.64 |
| -16 | 1" | 1.50 | 1,860 | 285.5 | 4,060 | 21,020 | 8.86 | M00920-16 | 40 | 1,178.28 |
| -20 | 1 1 / 4" | 1.85 | 2,635 | 213.7 | 3,040 | 17,400 | 9.84 | M00920-20 | 40 | 1,769.24 |
| -24 | 1 1 / 2" | 2.11 | 3,160 | 177.9 | 2,530 | 14,500 | 19.69 | M00910-24 | 40 | 2,038.34 |
| -32 | 2" | 2.63 | 4,440 | 177.9 | 2,530 | 11,600 | 24.80 | M00910-32 | 40 | 3,292.15 |

** Nota: Esta manguera ha sido descontinuada por Manuli, únicamente disponible hasta agotar existencias. Sustituida por GoldenIso/28 Xtraflex*

### ROCKMASTER / 4SP EXCEDE EN 856 4SP

***PARKER: 741 / 701*** ***GATES: LW / CPS***

Para líneas de alta presión en uso de intemperismo rudo, instalaciones especiales con condiciones de abrasión severa, aplicaciones marinas, minería y agricultura; conduciendo: aceites minerales, vegetales y sintéticos, agua, aire, gasolina, lubricantes, diesel. Construcción: Tubo.- Hule sintético resistente al aceite. Refuerzo.- Cuatro espirales de acero de alto tensil. Cubierta.- Negra, hule sintético resistente al ozono, abrasión e intemperismo. Rango de Temperatura: Servicio continuo -40° a + 121°C. Temperatura máxima de operación 125°C. Conexiones: Inserto MF 2000 – Tipo Multifit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -4 | 1 / 4" | 0.70 | 595 | 509.8 | 7,250 | 34,800 | 5.91 | M00910-04 | 80 | 676.15 |
| -6 | 3 / 8" | 0.84 | 750 | 469.0 | 6,670 | 30,450 | 7.09 | M00910-06 | 80 | 791.28 |
| -8 | 1 / 2" | 0.96 | 895 | 433.1 | 6,160 | 27,550 | 9.06 | M00910-08 | 65 | 877.17 |
| -10 | 5 / 8" | 1.11 | 1,095 | 407.8 | 5,800 | 23,200 | 9.84 | M00910-10 | 65 | 1,209.77 |
| -12 | 3 / 4" | 1.26 | 1,475 | 387.4 | 5,510 | 23,200 | 11.81 | M00920-12 | 40 | 1,171.39 |
| -16 | 1" | 1.54 | 1,910 | 326.3 | 4,640 | 20,300 | 13.39 | M00920-16 | 40 | 1,425.41 |
| -20 | 1 1 / 4" | 1.96 | 3,005 | 213.8 | 3,040 | 18,120 | 18.11 | M00920-20 | 40 | 2,295.27 |
| -24 | 1 1 / 2" | 2.24 | 3,610 | 188.4 | 2,680 | 14,500 | 22.05 | M00910-24 | 40 | 2,748.48 |
| -32 | 2" | 2.79 | 5,270 | 177.9 | 2,530 | 14,500 | 25.98 | M00910-32 | 40 | 3,808.39 |

### GOLDENISO/28 XTRAFLEX

Para líneas hidráulicas de media y alta presión, ideal para aplicaciones con limitaciones de instalación como espacios reducidos y bajo radio de curvatura que excede los requerimientos estándar y mantiene una buena flexibilidad en todo el rango de temperatura, fácil montaje en cualquier instalación y más ligera que la de construcción R12, se encuentra dentro de la gama de mangueras isobáricas. Recomendada para aceite mineral, aceite vegetal, aceites basados en glicoles y poliglicoles, aceite en emulsión acuosa. Construcción: Tubo.- Caucho sintético resistente al aceite Refuerzo.- 4 espirales de acero de alto tensil, Cubierta.- Caucho sintético con alta resistencia a la abrasión, ozono, intemperie y resistencia al calor Rango de Temperatura: Servicio continúo -46° a + 121 ° C. Conexiones: Inserto MF 2000 – Tipo Multifit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG CURVATURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -6 | 3 / 8" | 0.74 | 520 | 285.45 | 4,060 | 16,240 | 2.56 | M03500-06 | 120 | 576.53 |
| -8 | 1 / 2" | 0.86 | 650 | 285.45 | 4,060 | 16,240 | 3.54 | M03500-08 | 75 | 676.35 |
| -10 | 5 / 8" | 1.01 | 934 | 285.45 | 4,060 | 16,240 | 3.94 | M03500-10 | 60 | 720.28 |
| -12 | 3 / 4" | 1.15 | 1,040 | 285.45 | 4,060 | 16,240 | 4.72 | M03500-12 | 40 | 784.39 |
| -16 | 1" | 1.44 | 1,530 | 285.45 | 4,060 | 16,240 | 5.91 | M03500-16 | 40 | 972.81 |
| -20 | 1 1/4" | 1.75 | 2,160 | 285.45 | 4,060 | 16,240 | 8.27 | M03500-20 | 40 | 1,523.74 |
| -24 | 1 1/2" | 2.05 | 2,994 | 285.45 | 4,060 | 16,240 | 11.02 | M05400-24 | 40 | 1,841.66 |
| -32 | 2" | 2.66 | 4,633 | 285.45 | 4,060 | 16,240 | 13.78 | M05400-32 | 40 | 4,235.85 |

## EXTREMA PRESION

### ROCKMASTER / 13 SAE 100 R 13 EN 856 / R13

***PARKER: 782TC*** ***GATES: G5K-MTF***

Para líneas de extrema presión en uso de intemperismo rudo, instalaciones especiales con condiciones de abrasión severa, aplicaciones marinas, minería y agricultura; conduciendo: aceites minerales, vegetales y sintéticos, agua, aire, gasolina, lubricantes, diesel. Construcción: Tubo.- Hule sintético resistente al aceite. Refuerzo.- Cuatro espirales de acero de alto tensil de 1/4" a 1" y seis espirales de 1 1/4", 1 1/2" y 2". Cubierta.- Negra, hule sintético resistente al ozono, abrasión e intemperismo. Rango de Temperatura: Servicio continuo -40° a + 121 ° C. Temperatura máxima de operación 125°C. Características especiales: Extrema resistencia a la abrasión, ozono e intemperismo, resistente a la flama, antiestática y cubierta no tóxica. Conexiones: Inserto MF 2000 – Tipo Spiralfit.

| RAYAL | D.I. PLG. | D.E. PLG. | PESO g / m | PRESION TRABAJO Kg \ cm² | PRESION TRABAJO PSI | PRESION DE RUPTURA PSI | RADIO MIN PLG DOBLADURA | FERULA (S. Anterior) | FERULA (S. Nueva) | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|---|
| -8 | 1/2" | 1.06 | 1,325 | 530.1 | 8,990 | 36,250 | 7.99 | M01700-08 | | 40 | 756.77 |
| -12 | 3/4" | 1.26 | 1,635 | 356.5 | 5,070 | 28,270 | 9.45 | M01300-12 | M01500-12 | 40 | 1,207.19 |
| -16 | 1" | 1.54 | 2,205 | 356.5 | 5,070 | 23,920 | 11.81 | M01300-16 | M01500-16 | 40 | 1,563.36 |
| -20 | 1 1/4" | 1.97 | 3,610 | 356.5 | 5,070 | 23,200 | 16.50 | M01300-20 | M01600-20 | 40 | 3,084.68 |
| -24 | 1 1/2" | 2.25 | 4,860 | 356.5 | 5,070 | 23,200 | 19.69 | M01300-24 | M01600-24 | 40 | 3,689.17 |
| -32 | 2" | 2.83 | 6,815 | 356.5 | 5,070 | 21,750 | 24.80 | M01300-32 | M01800-32 | 40 | 4,417.52 |

** Nota: Esta manguera ha sido descontinuada por Manuli, únicamente disponible hasta agotar existencias. Sustituida por GoldenIso/35 Xtraflex*

### GOLDENISO/35 XTRAFLEX

Para líneas hidráulicas de alta presión, ideal para aplicaciones con limitaciones de instalación como espacios reducidos y bajo radio de curvatura que excede los requerimientos estándar y mantiene una buena flexibilidad en todo el rango de temperatura, fácil montaje en cualquier instalación y más ligera que la de construcción R12, se encuentra dentro de la gama de mangueras isobáricas. Recomendada para aceite mineral, aceite vegetal, aceites basados en glicoles y poliglicoles, aceite en emulsión acuosa. Construcción: Tubo.- Caucho sintético resistente al aceite Refuerzo.- 4 espirales de acero de alto tensil, Cubierta.- Caucho sintético con alta resistencia a la abrasión, ozono, intemperie y resistencia al calor Rango de Temperatura: Servicio continúo -46° a + 121 ° C. Conexiones: Inserto MF 2000 – Tipo Spiralfit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PRESION DE TRABAJO PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG CURVATURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -6 | 3 / 8" | 0.74 | 530 | 356.5 | 5,070 | 20.300 | 3.15 | M00910-06 | 120 | 646.48 |
| -8 | 1 / 2" | 0.86 | 660 | 356.5 | 5,070 | 20.300 | 3.54 | M00910-08 | 75 | 763.96 |
| -12 | 3 / 4" | 1.18 | 1,220 | 356.5 | 5,070 | 20.300 | 4.72 | M05400-12 | 40 | 986.26 |
| -16 | 1" | 1.46 | 1,800 | 356.5 | 5,070 | 20.300 | 5.91 | M05400-16 | 40 | 1,275.57 |
| -20 | 1 1/4" | 1.77 | 2,340 | 356.5 | 5,070 | 20.300 | 9.06 | M05400-20 | 40 | 2,041.54 |
| -24 | 1 1/2" | 2.21 | 4,165 | 356.5 | 5,070 | 20.300 | 11.81 | M05500-24 | 40 | 2,451.42 |
| -32 | 2" | 2.77 | 6,161 | 356.5 | 5,070 | 20.300 | 14.17 | M05500-32 | 40 | 3,804.56 |

### ROCKMASTER 15 EXCEDE SAE 100 R15

***PARKER: 792 TC*** ***GATES: G6K***

Para líneas de extrema presión en uso de intemperismo rudo, instalaciones especiales con condiciones de abrasión severa, aplicaciones marinas, minería y agricultura; conduciendo: aceites minerales, vegetales y sintéticos, agua, aire, gasolina, lubricantes, diesel. Construcción: Tubo.- Hule sintético resistente al aceite. Refuerzo.- Cuatro espirales de acero de alto tensil para 3/4" y 1" y seis espirales de 1 1/4" a 1 1/2" y 2". Cubierta.- Negra, hule sintético con alta resistencia al ozono, abrasión, intemperismo y calor. Rango de Temperatura: Servicio continuo -40° a + 121 ° C. Temperatura máxima de operación 125°C. Características especiales: Extrema resistencia a la abrasión, ozono e intemperismo, resistente a la flama, cubierta antiestática y no tóxica. Conexiones: Inserto MF 2000 – Tipo Interlock/Spíralfit.

| RAYAL | D.I. PLG. | D.E. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PRESION DE TRABAJO PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA (S. Anterior) | FERULA (S. Nueva) | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|---|
| -12 | 3/4" | 1.26 | 1,505 | 428.2 | 6,090 | 25,370 | 10.43 | M01300-12 | M01500-12 | 40 | 1,279.68 |
| -16 | 1" | 1.50 | 2,040 | 428.2 | 6,090 | 25,370 | 10.51 | M01300-16 | M01500-16 | 40 | 1,654.76 |
| -20 | 1 1/4" | 1.95 | 3,670 | 428.2 | 6,090 | 24,360 | 10.51 | M01300-20 | M01600-20 | 40 | 3,092.03 |
| -24 | 1 1/2" | 2.25 | 4,740 | 428.2 | 6,090 | 24,360 | 12.40 | M01300-24 | M01600-24 | 40 | 3,402.26 |

** Nota: Esta manguera ha sido descontinuada por Manuli, únicamente disponible hasta agotar existencias. Sustituida por GoldenIso/42 Xtraflex*

## GOLDENISO/42 XTRAFLEX

Para líneas de extrema presión en uso de intemperismo rudo, instalaciones especiales con condiciones de abrasión severa, aplicaciones marinas, minería y agricultura; conduciendo: aceites minerales, vegetales y sintéticos, agua, aire, gasolina, lubricantes, diesel. Construcción: Tubo.- Hule sintético resistente al aceite. Refuerzo.- Cuatro espirales de acero de alto tensil para 3/4" y 1" y seis espirales de 1 1/4" a 1 1/2" y 2". Cubierta.- Negra, hule sintético con alta resistencia al ozono, abrasión y calor. Rango de Temperatura: Servicio continuo -46° a + 121 ° C. Temperatura máxima de operación 125°C. Conexiones: Inserto MF 2000 – Tipo Spíralfit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO | | PRESION DE RUPTURA PSI | RADIO MIN. PLG CURVATURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Kg \ cm² | PSI | | | | | |
| -12 | 3 / 4" | 1.19 | 1,285 | 428.2 | 6,090 | 24,360 | 5.91 | M05500-20 | 40 | 1,046.71 |
| -16 | 1" | 1.47 | 1,915 | 428.2 | 6,090 | 24,360 | 8.27 | M05500-24 | 40 | 1,400.21 |
| -20 | 1 1/4" | 1.95 | 3,663 | 428.2 | 6,090 | 24,360 | 10.24 | M05400-12 | 40 | 2,276.75 |
| -24 | 1 1/2" | 2.22 | 4,450 | 428.2 | 6,090 | 24,360 | 12.20 | M05400-12 | 40 | 2,715.28 |

## EXTREMA PRESION ESTÁTICA

### JACKMASTER

***GATES: J 2AT***

Para equipos y líneas de extrema presión estática, conduciendo: aceites minerales, vegetales y sintéticos, agua, aire, gasolina, lubricantes, diesel. Construcción: Tubo.- Hule sintético resistente al aceite. Refuerzo.- Dos mallas de acero de alto tensil. Cubierta.- Hule sintético resistente al ozono, abrasión e intemperismo. Rango de Temperatura: Servicio continuo -10° a + 100 ° C. Temperatura máxima de operación 125°C. Especificaciones y tipo de aprobaciones: IJ100. Características especiales: CHECAR. Conexiones: Inserto MF 2000 – Tipo Multifit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO | | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Kg \ cm² | PSI | | | | | |
| -4 | 1 / 4” | 0.58 | 360 | 738.3 | 10,500 | 23,200 | 3.94 | M03400-04 | 40 | 299.97 |
| -6 | 3 / 8” | 0.66 | 395 | 738.3 | 10,500 | 21,750 | 5.00 | M03400-06 | 40 | 347.70 |

## EXTREMA PRESION LANZADO DE AGUA

### GOLDEN BLAST

Para líneas y equipos de lanzado de agua a extrema presión. Uso para remoción de concreto en la construcción, eliminación de costras en astilleros, minería y equipos de limpieza y lavado a presión; conduciendo: agua y emulsiones jabonosas. Construcción: Tubo.- Hule sintético resistente al agua. Refuerzo.- Cuatro espirales de acero de alto tensil. Cubierta.- Negra, hule sintético con alta resistencia al ozono, abrasión, intemperismo y calor. Aprobación MSHA. Rango de Temperatura: Servicio continuo -10° a + 70 ° C. Temperatura máxima de operación – 40°C a + 93°C. Características especiales: Ligera y flexible factor de seguridad 2.5:1, cubierta con alta resistencia a la abrasión. Conexiones: Inserto MF 2000 – X-Tralock.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PRESION DE TRABAJO PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -6 | 3 / 8” | 0.84 | 750 | 764.3 | 10,870 | 27,180 | 7.09 | M01700-06 | 20 | 972.31 |
| -8 | 1 / 2” | 0.91 | 905 | 764.3 | 10,870 | 27,180 | 8.66 | M01700-08 | 20 | 1,054.50 |

### GOLDEN BLAST / PLUS

Para líneas y equipos de lanzado de agua a extrema presión. Uso para remoción de concreto en la construcción, eliminación de costras en astilleros, minería y equipos de limpieza y lavado a presión; conduciendo: agua y emulsiones jabonosas. Construcción: Tubo.- Hule sintético resistente al agua. Refuerzo.- Cuatro espirales de acero de alto tensil. Cubierta.- Negra, hule sintético con alta resistencia al ozono, abrasión, intemperismo y calor. Aprobación MSHA. Rango de Temperatura: Servicio continuo -10° a + 70 ° C. Temperatura máxima de operación – 40°C a + 93°C. Características especiales: Ligera y flexible factor de seguridad 2.5:1, cubierta con alta resistencia a la abrasión. Conexiones: Inserto MF 2000 – X-Tralock.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PRESION DE TRABAJO PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -6 | 3 / 8” | 0.80 | 815 | 1,274.0 | 18,120 | 45,310 | 9.06 | M01700-06 | 20 | 962.42 |
| -8 | 1 / 2” | 0.96 | 1,125 | 1,121.5 | 15,950 | 39,870 | 9.06 | M01700-08 | 20 | 1,068.79 |
| -12 | 3 / 4” | 1.26 | 1,730 | 1,019.5 | 14,500 | 36,250 | 9.84 | M01700-12 | 20 | 1,653.84 |

### GOLDEN BLAST / SIX

Para líneas y equipos de lanzado de agua a extrema presión. Uso para remoción de concreto en la construcción, eliminación de costras en astilleros, minería y equipos de limpieza y lavado a presión; conduciendo: agua y emulsiones jabonosas. Construcción: Tubo.- Hule sintético resistente al agua. Refuerzo.- Seis espirales de acero de alto tensil. Cubierta.- Negra, hule sintético con alta resistencia al ozono, abrasión, intemperismo y calor. Aprobación MSHA. Rango de Temperatura: Servicio continuo -10° a + 70 ° C. Temperatura máxima de operación – 40°C a + 93°C. Especificaciones y tipo de aprobaciones: Australian Std. AS/NZS 4233.2, RMA-USA, BFPA-UK, DIN-Germany, ISO 7751. Características especiales: Ligera y flexible factor de seguridad 2.5:1, cubierta con alta resistencia a la abrasión. Conexiones: Inserto MF 2000 – X-Tralock.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO Kg \ cm² | PRESION DE TRABAJO PSI | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| -8 | 1 / 2” | 1.14 | 1,870 | 1,477.9 | 21,020 | 52,560 | 9.84 | M01800-08 | 20 | 1,658.24 |
| -12 | 3 / 4” | 1.39 | 2,570 | 1,376.0 | 19,570 | 48,930 | 11.02 | M01800-12 | 20 | 2,052.07 |

## MANGUERAS PARA LEVANTAMIENTO DE PESO

### TWINPOWER 4000

Manguera hidráulica gemela, especial para trabajos en equipos hidráulicos de levantamiento de peso con presiones estáticas como plataformas de trabajo aéreas, grúas telescópicas y montacargas. Diseñada para conducir minerales, aceites vegetales y sintéticos, glicoles y poliglicoles, aceites minerales en emulsiones acuosas y agua. Construcción: Tubo.- Hule sintético. Refuerzo.- Dos espirales de acero de alto tensil. Cubierta.- Negra, hule sintético con alta resistencia al ozono, abrasión e intemperismo. Aprobación MSHA. Rango de Temperatura: Servicio continuo -40° a + 100 ° C. Temperatura máxima de operación 121°C. Características especiales: Ligera y flexible, cubierta con alta resistencia a la abrasión. Conexiones: Inserto MF 2000 – MultiFit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO | | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Kg \ cm² | PSI | | | | | |
| -6 | 3 / 8” | 0.69 | 830 | 285.4 | 4,060 | 16,240 | 2.56 | M00120-06 | 300 | **COTIZAR** |
| -8 | 1 / 2” | 0.85 | 1200 | 285.4 | 4,060 | 16,240 | 3.15 | M00120-08 | 300 | **COTIZAR** |

### TWINPOWER 5000

Manguera hidráulica gemela, especial para trabajos en equipos hidráulicos de levantamiento de peso con presiones estáticas como plataformas de trabajo aéreas, grúas telescópicas y montacargas. Diseñada para conducir minerales, aceites vegetales y sintéticos, glicoles y poliglicoles, aceites minerales en emulsiones acuosas y agua. Construcción: Tubo.- Hule sintético. Refuerzo.- Dos espirales de acero de alto tensil. Cubierta.- Negra, hule sintético con alta resistencia al ozono, abrasión e intemperismo. Aprobación MSHA. Rango de Temperatura: Servicio continuo -40° a + 100 ° C. Temperatura máxima de operación 121°C. Características especiales: Ligera y flexible, cubierta con alta resistencia a la abrasión. Conexiones: Inserto MF 2000 – MultiFit.

| RAYAL | D. INT. PLG. | D. EXT. PLG. | PESO g / m | PRESION DE TRABAJO | | PRESION DE RUPTURA PSI | RADIO MIN. PLG DOBLADURA | FERULA | LARGO DEL ROLLO (mt) | PRECIO POR METRO |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Kg \ cm² | PSI | | | | | |
| -6 | 3 / 8” | 0.69 | 840 | 356.5 | 5,070 | 20,300 | 2.56 | M00120-06 | 40 | **COTIZAR** |
| -8 | 1 / 2” | 0.85 | 1200 | 356.5 | 5,070 | 20,300 | 3.15 | M00120-08 | 40 | **COTIZAR** |

| NUMERO | CJ | PRECIO |
|---|---|---|
| **FÉRULAS** | | |
| M00110-20 | 20 | 404.01 |
| M00110-24 | 10 | 625.97 |
| M00110-32 | 5 | 1,320.53 |
| M00120-03 | 100 | 63.24 |
| M00120-04 | 150 | 64.94 |
| M00120-05 | 100 | 72.02 |
| M00120-06 | 100 | 86.08 |
| M00120-08 | 50 | 110.67 |
| M00120-10 | 50 | 128.24 |
| M00120-12 | 40 | 173.92 |
| M00130-16 | 30 | 309.13 |
| M00310-03 | 50 | 129.40 |
| M00310-04 | 100 | 66.55 |
| M00310-05 | 100 | 101.68 |
| M00310-06 | 100 | 75.79 |
| M00310-08 | 70 | 99.83 |
| M00310-10 | 40 | 151.58 |
| M00321-12 | 50 | 112.76 |
| M00310-16 | 30 | 192.25 |
| M00310-20 | 15 | 423.36 |
| M00820-03 | 50 | 35.98 |
| M00830-04 | 50 | 56.54 |
| M00830-05 | 50 | 53.12 |
| M00820-06 | 50 | 54.82 |
| M00820-08 | 50 | 63.38 |
| M00820-10 | 40 | 88.57 |
| M00820-12 | 40 | 124.38 |
| M00820-16 | 30 | 399.50 |
| M00820-20 | 15 | 906.42 |
| M00910-03 | 100 | 209.05 |
| M00910-04 | 150 | 47.38 |
| M00910-05 | 100 | 65.15 |
| M00920-06 | 150 | 71.78 |
| M00910-08 | 100 | 87.93 |
| M00910-10 | 50 | 118.94 |
| M00910-24 | 10 | 712.56 |
| M00910-32 | 8 | 1,182.89 |
| M00930-12 | 50 | 153.93 |
| M00930-16 | 30 | 223.88 |
| M00920-20 | 15 | 533.53 |
| M01300-12 | 0 | 163.58 |
| M01500-10 | 0 | 178.62 |
| M01500-16 | 0 | 278.24 |
| M01500-20 | 0 | 717.93 |
| M01500-24 | 0 | 790.07 |
| M01500-32 | 0 | 1,331.10 |
| M01600-24 | 0 | 1,260.14 |
| M01700-06 | 20 | 476.06 |
| M01700-08 | 15 | 566.08 |
| M01700-12 | 15 | 864.29 |
| M01750-12 | 15 | 960.92 |
| M03300-04 | 150 | 65.34 |
| M03300-06 | 150 | 60.49 |
| M03300-08 | 0 | - |
| M03400-03 | 70 | 55.46 |
| M03400-04 | 150 | 60.49 |
| M03400-05 | 150 | 60.49 |
| M03400-06 | 150 | 60.49 |
| M03450-08 | 70 | 68.91 |
| M03400-10 | 50 | 95.79 |
| M03400-12 | 50 | 109.23 |
| M03400-16 | 15 | 228.55 |
| M03400-20 | 15 | 401.65 |
| M03400-24 | 10 | 621.79 |
| M03400-32 | 8 | 1,314.17 |
| M03400-38 | 8 | 1,522.54 |
| M03450-40 | 4 | 1,560.88 |
| M03400-48 | 4 | 2,262.68 |
| M03500-06 | 100 | 110.94 |
| M03500-08 | 50 | 127.71 |
| M03500-10 | 50 | 143.20 |
| M03500-12 | 15 | 153.91 |
| M03500-16 | 15 | 243.83 |
| M03500-20 | 15 | 533.52 |
| M05400-12 | 15 | 233.94 |
| M05400-16 | 10 | 350.91 |
| M05400-20 | 10 | 872.29 |
| M05400-24 | 5 | 953.07 |
| M05400-32 | 3 | 1,827.28 |
| M05500-20 | 8 | 1,104.15 |
| M05500-24 | 5 | 1,392.02 |
| M05500-24GX | 5 | 1,668.78 |
| M05500-32 | 3 | 1,827.08 |
| M05500-32GX | 2 | 2,281.20 |
| **MULTIFIT** | | |
| M10050-04-04 | 20 | 73.50 |
| M10050-05-05 | 20 | 80.31 |
| M10050-06-06 | 50 | 92.56 |
| M10050-08-08 | 60 | 138.83 |
| M10050-10-10 | 25 | 343.01 |
| M10050-12-12 | 10 | 447.82 |
| M10050-16-16 | 5 | 533.57 |
| M10510-03-02 | 50 | 476.12 |
| M10510-04-02 | 50 | 111.14 |
| M10510-04-04 | 50 | 116.98 |
| M10510-04-06 | 50 | 187.18 |
| M10510-05-06 | 50 | 148.18 |
| M10510-06-06 | 50 | 120.88 |
| M10510-06-08 | 35 | 214.47 |
| M10510-08-06 | 25 | 159.88 |
| M10510-08-08 | 30 | 175.47 |
| M10510-08-10 | 25 | 553.72 |
| M10510-08-12 | 30 | 310.00 |
| M10510-10-10 | 25 | 222.27 |
| M10510-10-12 | 15 | 280.76 |
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| M10510-12-16 | 10 | 389.94 |
| M10510-16-16 | 10 | 430.88 |
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| M10510-24-24 | 5 | 814.98 |
| M10510-32-32 | 3 | 1,516.88 |
| M10610-06-06 | 35 | 470.78 |
| M10610-06-08 | 25 | 284.96 |
| M10610-08-08 | 25 | 494.10 |
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| M10710-10-12 | 10 | 654.08 |
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| M10710-16-16 | 15 | 322.45 |
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| M10710-24-24 | 5 | 731.14 |
| M10710-32-32 | 3 | 1,551.22 |
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| M11110-04-16 | 50 | 196.70 |
| M11110-05-16 | 50 | 164.91 |
| M11110-05-18 | 50 | 218.55 |
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| M11110-06-18 | 30 | 131.13 |
| M11110-06-22 | 50 | 228.49 |
| M11110-08-22 | 30 | 188.75 |
| M11110-08-26 | 25 | 200.67 |
| M11110-10-26 | 20 | 244.39 |
| M11110-12-30 | 15 | 276.17 |
| M11110-16-36 | 15 | 294.06 |
| M11110-20-45 | 8 | 727.19 |
| M11110-24-52 | 3 | 1,476.24 |
| M11210-04-16 | 50 | 214.58 |
| M11210-04-18 | 50 | 238.42 |
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| M11210-06-20 | 50 | 236.44 |
| M11210-06-22 | 25 | 242.40 |
| M11210-08-24 | 25 | 272.20 |
| M11210-10-30 | 20 | 377.50 |
| M11210-12-30 | 15 | 385.45 |
| M11210-12-36 | 12 | 341.74 |
| M11210-16-36 | 15 | 397.37 |
| M11210-16-42 | 12 | 466.91 |
| M11210-20-52 | 6 | 743.09 |
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| M11810-12-36 | 8 | 393.14 |
| M12410-04-04 | 100 | 431.51 |
| M12410-06-06 | 75 | 519.86 |
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| M12410-08-10 | 25 | 636.17 |
| M12410-10-10 | 25 | 668.84 |
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| M12410-12-12 | 20 | 679.62 |
| M12410-12-16 | 20 | 1,564.18 |
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| M12410-20-20 | 10 | 2,213.76 |
| M12410-24-24 | 5 | 3,720.69 |
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| M12810-05-06 | 50 | 318.02 |
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| M12810-24-24 | 6 | 655.39 |
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| M13010-06-06 | 75 | 106.90 |
| M13010-06-08 | 25 | 128.57 |
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| M13010-12-16 | 10 | 595.17 |
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| M14110-04-04R | 30 | 391.45 |
| M14110-04-06R | 30 | 1,039.22 |

| NUMERO | CJ | PRECIO | NUMERO | CJ | PRECIO | NUMERO | CJ | PRECIO | NUMERO | CJ | PRECIO |
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| M14110-06-04R | 40 | 925.82 | M20595-04-04 | 50 | 169.63 | M21513-04-14 | 50 | 111.27 | M21613-04-18 | 50 | 157.36 |
| M14110-06-06R | 30 | 385.24 | M20593-04-06 | 25 | 200.09 | M21513-04-16 | 50 | 127.16 | M21613-04-20 | 50 | 181.56 |
| M14110-06-08R | 40 | 444.27 | M20593-05-06 | 25 | 207.23 | M21513-04-18 | 50 | 116.95 | M21613-05-18 | 50 | 187.28 |
| M14110-08-08R | 20 | 486.21 | M20595-06-06 | 30 | 202.77 | M21513-05-16 | 50 | 113.25 | M21613-05-20 | 50 | 208.62 |
| M14110-12-12R | 20 | 916.50 | M20593-06-08 | 10 | 250.10 | M21513-05-18 | 50 | 113.25 | M21613-06-18 | 30 | 197.44 |
| M14110-16-16R | 15 | 1,214.75 | M20595-08-08 | 30 | 281.00 | M21513-06-18 | 50 | 129.14 | M21613-06-20 | 40 | 230.48 |
| M14310-06-06 | 30 | 618.41 | M20612-08-12 | 10 | 301.63 | M21513-06-22 | 25 | 190.56 | M21613-06-22 | 25 | 244.39 |
| M14310-08-08 | 20 | 953.07 | M20612-10-12 | 10 | 428.96 | M21513-08-22 | 25 | 188.75 | M21613-08-24 | 25 | 248.36 |
| M14310-08-10 | 25 | 468.26 | M20612-12-12 | 10 | 309.12 | M21513-08-26 | 15 | 299.45 | M21613-08-30 | 20 | 486.07 |
| M14310-10-10 | 25 | 803.22 | M20612-12-16 | 10 | 816.55 | M21513-10-26 | 15 | 292.07 | M21613-10-30 | 20 | 425.19 |
| M14310-12-12 | 30 | 909.75 | M20612-16-16 | 5 | 521.60 | M21513-10-30 | 30 | 510.37 | M21613-12-36 | 15 | 413.27 |
| M14390-06-06 | 20 | 647.90 | M20613-04-04 | 50 | 159.99 | M21513-12-30 | 15 | 296.04 | M21613-16-42 | 9 | 663.62 |
| M14390-06-08 | 15 | 656.00 | M20613-06-06 | 50 | 176.65 | M21513-12-36 | 15 | 490.00 | M21613-20-52 | 6 | 1,116.62 |
| M14390-08-08 | 15 | 876.56 | M20613-06-08 | 25 | 148.31 | M21513-16-36 | 15 | 488.77 | M21613-24-52 | 6 | 1,456.77 |
| M14390-08-10 | 20 | 804.89 | M20613-08-08 | 35 | 159.99 | M21513-20-45 | 8 | 741.10 | M21642-08-22 | 20 | 566.32 |
| M14390-10-10 | 15 | 1,504.79 | M20812-10-10 | 25 | 459.88 | M21513-24-52 | 3 | 1,064.96 | M21642-12-30 | 15 | 751.87 |
| M14390-12-12 | 10 | 1,343.14 | M20812-12-12 | 30 | 178.22 | M21542-04-12 | 50 | 498.21 | M21643-03-16 | 0 | 608.12 |
| M20512-03-02 | 50 | 153.31 | M20812-16-16 | 15 | 261.66 | M21542-06-16 | 30 | 253.76 | M21643-04-16 | 50 | 246.37 |
| M20512-04-02 | 50 | 121.48 | M20812-16-20 | 5 | 762.04 | M21543-03-12 | 50 | 302.17 | M21643-04-18 | 40 | 250.94 |
| M20512-05-04 | 50 | 150.14 | M20812-20-20 | 8 | 707.75 | M21543-04-14 | 50 | 244.39 | M21643-05-20 | 30 | 280.15 |
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| M20512-08-06 | 25 | 177.43 | M20812-24-20 | 6 | 1,182.29 | M21543-05-16 | 30 | 242.40 | M21643-06-22 | 25 | 431.15 |
| M20512-08-10 | 25 | 233.77 | M20812-24-24 | 6 | 1,175.30 | M21543-06-18 | 25 | 371.55 | M21643-08-24 | 20 | 421.22 |
| M20512-08-12 | 20 | 225.81 | M20812-32-32 | 2 | 2,333.01 | M21543-06-22 | 15 | 612.51 | M21643-10-30 | 12 | 576.19 |
| M20512-10-10 | 25 | 224.21 | M20813-04-04 | 100 | 78.95 | M21545-08-22 | 15 | 371.55 | M21643-12-36 | 12 | 727.19 |
| M20512-10-12 | 20 | 235.92 | M20813-06-06 | 50 | 103.39 | M21543-10-26 | 12 | 397.37 | M21643-16-42 | 6 | 1,287.49 |
| M20512-12-12 | 15 | 241.76 | M20813-08-08 | 25 | 201.12 | M21543-12-30 | 10 | 689.44 | M21643-20-52 | 3 | 2,223.30 |
| M20512-12-16 | 15 | 357.30 | M20842-10-10 | 10 | 424.80 | M21543-16-36 | 12 | 993.43 | M21692-06-18 | 40 | 277.34 |
| M20512-16-16 | 15 | 388.00 | M20842-12-12 | 10 | 864.64 | M21543-20-45 | 6 | 1,670.95 | M21692-08-22 | 15 | 546.78 |
| M20513-03-04 | 50 | 398.27 | M20842-16-16 | 10 | 1,238.69 | M21543-24-52 | 3 | 3,000.17 | M21692-12-30 | 15 | 923.89 |
| M20513-04-04 | 100 | 105.29 | M20842-20-20 | 6 | 1,733.09 | M21592-04-12 | 50 | 251.87 | M21692-16-36 | 12 | 1,140.96 |
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| M20513-06-08 | 25 | 187.18 | M20843-06-06 | 25 | 246.23 | M21593-03-12 | 50 | 307.96 | M21693-04-18 | 40 | 311.94 |
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| M20542-08-10 | 10 | 1,036.60 | M20892-06-04 | 30 | 702.99 | M21593-04-16 | 50 | 236.43 | M21693-06-20 | 30 | 337.76 |
| M20542-08-12 | 15 | 1,308.27 | M20892-10-10 | 15 | 486.83 | M21593-04-18 | 25 | 227.31 | M21693-06-22 | 25 | 383.46 |
| M20542-10-10 | 10 | 378.25 | M20892-12-12 | 15 | 657.88 | M21593-05-16 | 50 | 242.39 | M21693-08-24 | 20 | 433.14 |
| M20542-10-12 | 10 | 387.36 | M20892-16-16 | 10 | 977.42 | M21593-05-18 | 25 | 184.85 | M21693-08-30 | 15 | 612.17 |
| M20542-12-12 | 15 | 528.37 | M20892-16-20 | 6 | 1,805.34 | M21593-06-18 | 25 | 256.30 | M21693-10-30 | 15 | 464.92 |
| M20542-12-16 | 10 | 1,218.01 | M20892-20-20 | 6 | 1,304.37 | M21593-06-22 | 15 | 626.12 | M21693-12-36 | 12 | 923.89 |
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| M20545-04-04 | 30 | 206.67 | M20892-24-24 | 3 | 2,352.63 | M21593-08-26 | 12 | 354.54 | M21693-20-52 | 3 | 2,225.29 |
| M20543-04-06 | 30 | 278.19 | M20892-32-32 | 2 | 4,697.67 | M21593-10-26 | 12 | 262.27 | M22010-06-12 | 0 | 76.56 |
| M20543-05-06 | 30 | 281.95 | M20893-04-04 | 50 | 187.97 | M21593-10-30 | 12 | 796.97 | M22010-16-28 | 0 | 225.27 |
| M20545-06-06 | 25 | 220.33 | M20893-06-06 | 30 | 225.56 | M21593-12-30 | 12 | 542.41 | M22090-08-15 | 0 | 260.61 |
| M20543-06-08 | 10 | 274.96 | M20893-08-08 | 25 | 353.89 | M21593-12-36 | 12 | 963.56 | M22110-04-10 | 0 | 70.32 |
| M20545-08-08 | 20 | 280.76 | M21013-12-30 | 10 | 523.24 | M21593-16-36 | 12 | 1,070.91 | M22110-16-30 | 0 | 269.80 |
| M20592-03-02 | 50 | 302.62 | M21013-16-38 | 10 | 523.24 | M21593-16-45 | 6 | 1,072.92 | M22190-04-12 | 0 | 266.93 |
| M20592-04-02 | 50 | 310.15 | M21093-12-30 | 12 | 836.32 | M21593-20-45 | 6 | 2,020.64 | M22190-08-16 | 0 | 269.80 |
| M20592-08-06 | 30 | 416.02 | M21093-16-38 | 6 | 1,355.27 | M21593-24-52 | 3 | 2,851.15 | M22190-10-20 | 0 | 404.69 |
| M20592-08-10 | 10 | 343.01 | M21093-20-45 | 5 | 2,477.52 | M21612-08-20 | 20 | 546.81 | M22411-04-04 | 60 | 113.42 |
| M20592-08-12 | 10 | 443.05 | M21512-04-12 | 50 | 161.24 | M21612-08-22 | 25 | 497.99 | M22411-04-06 | 25 | 145.89 |
| M20592-10-10 | 10 | 401.65 | M21512-06-16 | 50 | 217.37 | M21612-12-30 | 20 | 413.27 | M22411-05-06 | 50 | 260.96 |
| M20592-10-12 | 15 | 411.39 | M21512-08-18 | 25 | 415.00 | M21612-16-36 | 15 | 789.46 | M22411-06-06 | 50 | 164.39 |
| M20592-12-12 | 15 | 616.11 | M21512-16-30 | 15 | 646.67 | M21613-03-16 | 50 | 423.20 | M22411-06-08 | 20 | 297.01 |
| M20592-12-16 | 10 | 828.92 | M21512-24-45 | 3 | 2,364.46 | M21613-04-14 | 50 | 142.85 | M22411-08-06 | 15 | 313.06 |
| M20592-16-16 | 15 | 945.62 | M21513-03-12 | 50 | 141.06 | M21613-04-16 | 50 | 145.04 | M22411-08-08 | 30 | 297.01 |

| NUMERO | CJ | PRECIO | NUMERO | CJ | PRECIO | NUMERO | CJ | PRECIO | NUMERO | CJ | PRECIO |
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| M22411-08-10 | 30 | 308.22 | M22512-12-16 | 10 | 287.81 | M22593-10-12 | 15 | 393.81 | M23321-20-20 | 10 | 1,695.45 |
| M22411-08-12 | 20 | 663.70 | M22512-16-12 | 10 | 327.69 | M22612-06-06 | 50 | 199.28 | M23321-24-24 | 6 | 2,518.74 |
| M22411-10-10 | 30 | 312.33 | M22512-16-16 | 15 | 298.70 | M22612-12-12 | 30 | 926.85 | M23331-08-08 | 30 | 823.29 |
| M22411-10-12 | 15 | 911.01 | M22512-16-20 | 8 | 609.01 | M22692-06-06 | 30 | 502.66 | M23331-12-12 | 20 | 828.92 |
| M22411-12-10 | 10 | 768.49 | M22512-20-20 | 15 | 661.48 | M22692-12-12 | 15 | 1,882.22 | M23331-12-16 | 20 | 966.14 |
| M22411-12-12 | 15 | 620.54 | M22512-20-24 | 8 | 1,571.59 | M22712-03-04 | 50 | 542.43 | M23331-16-16 | 15 | 1,137.19 |
| M22411-12-16 | 8 | 795.21 | M22512-24-24 | 6 | 898.35 | M22712-04-04 | 125 | 111.95 | M23331-20-20 | 10 | 1,695.45 |
| M22411-16-12 | 15 | 714.59 | M22512-32-32 | 3 | 2,545.32 | M22712-04-05 | 50 | 145.55 | M23331-24-24 | 6 | 2,907.83 |
| M22411-16-16 | 15 | 612.33 | M22513-03-04 | 50 | 128.24 | M22712-04-06 | 50 | 183.16 | M23341-08-08 | 30 | 720.92 |
| M22411-16-20 | 15 | 1,191.34 | M22513-04-06 | 38 | 75.79 | M22712-05-05 | 30 | 729.47 | M23341-08-12 | 30 | 1,256.32 |
| M22411-20-20 | 15 | 1,222.60 | M22513-05-08 | 50 | 101.05 | M22712-05-06 | 30 | 229.32 | M23341-10-12 | 20 | 1,723.65 |
| M22411-24-24 | 3 | 2,205.08 | M22513-06-08 | 50 | 109.97 | M22712-06-04 | 100 | 588.50 | M23341-12-12 | 20 | 823.62 |
| M22441-08-06 | 40 | 739.11 | M22513-06-10 | 25 | 143.11 | M22712-06-05 | 30 | 325.46 | M23341-12-16 | 20 | 881.12 |
| M22441-12-10 | 15 | 1,148.14 | M22513-08-10 | 25 | 98.59 | M22712-06-06 | 30 | 155.19 | M23341-16-16 | 15 | 766.72 |
| M22445-04-04 | 25 | 266.61 | M22513-08-12 | 20 | 209.90 | M22712-06-08 | 90 | 157.79 | M23341-16-20 | 10 | 945.04 |
| M22443-04-06 | 50 | 353.22 | M22513-10-12 | 15 | 195.58 | M22712-06-10 | 30 | 376.58 | M23341-20-20 | 10 | 1,169.70 |
| M22445-06-06 | 40 | 193.15 | M22545-04-04 | 75 | 218.46 | M22712-08-06 | 30 | 146.29 | M23341-20-24 | 6 | 1,624.03 |
| M22443-06-08 | 10 | 381.24 | M22542-04-05 | 50 | 230.35 | M22712-08-08 | 90 | 157.74 | M23341-24-24 | 6 | 2,330.26 |
| M22445-08-08 | 40 | 254.79 | M22542-05-06 | 25 | 251.15 | M22712-08-10 | 15 | 206.08 | M23341-24-32 | 4 | 3,625.61 |
| M22443-08-10 | 10 | 909.75 | M22545-06-06 | 25 | 193.19 | M22712-08-12 | 40 | 237.64 | M23341-32-32 | 2 | 3,202.50 |
| M22443-08-12 | 15 | 733.39 | M22545-08-08 | 25 | 236.29 | M22712-10-08 | 30 | 360.37 | M23341-32-40 | 5 | 4,416.72 |
| M22443-10-10 | 10 | 429.46 | M22542-10-10 | 30 | 325.45 | M22712-10-10 | 30 | 169.84 | M23341-40-40 | 4 | 7,807.63 |
| M22443-10-12 | 15 | 1,627.16 | M22542-12-12 | 15 | 472.58 | M22712-10-12 | 30 | 270.46 | M23361-08-08 | 40 | 755.62 |
| M22443-12-12 | 15 | 620.54 | M22542-12-14 | 15 | 909.54 | M22712-12-08 | 30 | 552.41 | M23361-12-12 | 30 | 832.69 |
| M22443-12-16 | 6 | 947.83 | M22542-12-16 | 10 | 1,020.85 | M22712-12-10 | 40 | 391.55 | M23361-16-16 | 8 | 1,362.76 |
| M22443-16-16 | 6 | 1,515.62 | M22542-16-16 | 8 | 668.74 | M22712-12-12 | 30 | 305.41 | M23361-16-20 | 10 | 1,817.63 |
| M22443-20-20 | 8 | 2,408.68 | M22542-16-20 | 8 | 1,298.83 | M22712-12-14 | 30 | 690.81 | M23361-20-20 | 6 | 2,056.35 |
| M22443-24-24 | 3 | 3,429.46 | M22542-20-20 | 2 | 1,211.41 | M22712-12-16 | 30 | 507.56 | M23361-20-24 | 6 | 3,266.85 |
| M22491-06-04 | 40 | 420.01 | M22542-20-24 | 6 | 1,957.17 | M22712-16-12 | 30 | 491.30 | M23361-24-24 | 3 | 3,571.35 |
| M22491-08-06 | 30 | 652.09 | M22542-24-24 | 6 | 2,273.09 | M22712-16-16 | 30 | 418.31 | M23371-08-08 | 40 | 755.62 |
| M22491-12-10 | 15 | 1,148.86 | M22542-32-32 | 2 | 3,788.03 | M22712-16-20 | 15 | 920.25 | M23371-12-12 | 30 | 832.69 |
| M22491-16-12 | 6 | 2,358.86 | M22543-04-06 | 25 | 157.52 | M22712-20-20 | 15 | 1,017.08 | M23371-12-16 | 20 | 1,101.48 |
| M22495-04-04 | 40 | 186.99 | M22543-06-08 | 25 | 181.29 | M22712-24-24 | 6 | 1,454.82 | M23371-16-16 | 8 | 1,362.76 |
| M22493-04-06 | 40 | 281.50 | M22543-06-10 | 20 | 358.14 | M22712-32-32 | 3 | 3,648.83 | M23371-20-20 | 6 | 2,056.35 |
| M22493-05-06 | 40 | 281.50 | M22543-08-10 | 30 | 381.12 | M22812-04-04 | 100 | 277.26 | M23371-24-24 | 3 | 3,571.35 |
| M22495-06-06 | 45 | 233.50 | M22543-08-12 | 30 | 589.98 | M22812-06-06 | 50 | 485.20 | M23391-08-08 | 40 | 669.95 |
| M22493-06-08 | 20 | 283.56 | M22543-10-12 | 10 | 457.95 | M22812-08-08 | 60 | 554.52 | M23391-08-12 | 30 | 771.90 |
| M22495-08-08 | 30 | 276.46 | M22595-04-04 | 75 | 190.56 | M22812-12-12 | 30 | 597.32 | M23391-10-12 | 30 | 1,048.62 |
| M22493-08-10 | 15 | 673.30 | M22592-04-05 | 50 | 228.86 | M22812-16-16 | 18 | 1,258.58 | M23391-12-12 | 30 | 699.08 |
| M22493-08-12 | 15 | 733.39 | M22592-05-06 | 25 | 228.97 | M23311-08-08 | 40 | 402.98 | M23391-12-16 | 20 | 873.84 |
| M22493-10-10 | 15 | 431.50 | M22595-06-06 | 30 | 209.89 | M23311-08-12 | 30 | 678.64 | M23391-16-16 | 8 | 902.98 |
| M22493-10-12 | 15 | 739.11 | M22595-08-08 | 30 | 206.56 | M23311-10-12 | 20 | 843.40 | M23391-16-20 | 10 | 1,201.54 |
| M22493-12-12 | 15 | 638.01 | M22592-10-10 | 30 | 286.82 | M23311-12-12 | 20 | 427.94 | M23391-20-20 | 6 | 1,212.50 |
| M22493-12-16 | 5 | 982.19 | M22592-12-10 | 15 | 1,831.81 | M23311-12-16 | 20 | 520.66 | M23391-20-24 | 6 | 2,081.03 |
| M22493-16-16 | 8 | 980.14 | M22592-12-12 | 15 | 355.18 | M23311-16-16 | 15 | 526.01 | M23391-24-24 | 3 | 2,576.55 |
| M22493-16-20 | 6 | 2,358.86 | M22592-12-14 | 15 | 884.74 | M23311-16-20 | 8 | 647.26 | M23391-24-32 | 2 | 3,786.67 |
| M22493-20-20 | 6 | 1,610.96 | M22592-12-16 | 15 | 640.51 | M23311-20-16 | 15 | 709.09 | M23391-32-32 | 2 | 3,524.51 |
| M22493-24-24 | 3 | 3,150.96 | M22592-16-16 | 8 | 717.77 | M23311-20-20 | 10 | 881.12 | M23391-32-40 | 2 | 3,960.63 |
| M22512-04-04 | 125 | 80.38 | M22592-16-20 | 8 | 1,356.79 | M23311-20-24 | 8 | 1,269.02 | M23391-40-40 | 2 | 7,744.15 |
| M22512-04-05 | 50 | 98.00 | M22592-20-20 | 6 | 1,220.07 | M23311-24-24 | 6 | 1,176.84 | M23611-08-08 | 20 | 685.21 |
| M22512-05-05 | 50 | 71.93 | M22592-20-24 | 6 | 2,858.38 | M23311-24-32 | 5 | 1,820.53 | M23611-08-12 | 20 | 1,004.92 |
| M22512-05-06 | 50 | 105.40 | M22592-24-24 | 3 | 2,079.32 | M23311-32-32 | 4 | 1,410.42 | M23611-10-12 | 15 | 1,199.76 |
| M22512-06-05 | 50 | 116.04 | M22592-32-32 | 2 | 3,545.80 | M23311-32-40 | 2 | 3,882.88 | M23611-12-12 | 15 | 586.63 |
| M22512-06-06 | 50 | 71.12 | M22593-03-04 | 50 | 500.01 | M23311-38-40 | 1 | 4,223.59 | M23611-12-16 | 15 | 1,048.62 |
| M22512-08-08 | 40 | 108.94 | M22593-04-06 | 25 | 160.50 | M23311-40-40 | 2 | 4,223.59 | M23611-16-16 | 15 | 805.96 |
| M22512-10-10 | 20 | 130.77 | M22593-06-08 | 25 | 206.56 | M23321-08-08 | 30 | 823.29 | M23611-16-20 | 8 | 1,191.27 |
| M22512-12-10 | 10 | 241.70 | M22593-06-10 | 30 | 401.53 | M23321-12-12 | 20 | 828.92 | M23611-20-20 | 10 | 1,009.22 |
| M22512-12-12 | 30 | 199.73 | M22593-08-10 | 30 | 227.38 | M23321-12-16 | 20 | 966.14 | M23611-20-24 | 6 | 1,966.49 |
| M22512-12-14 | 10 | 356.18 | M22593-08-12 | 24 | 294.24 | M23321-16-16 | 15 | 1,137.19 | M23611-24-24 | 4 | 1,216.06 |

| NUMERO | CJ | PRECIO | NUMERO | CJ | PRECIO | NUMERO | CJ | PRECIO | NUMERO | CJ | PRECIO |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M23611-32-32 | 2 | 2,560.51 | M24792-12-12 | 15 | 809.16 | M65514-12-12 | 30 | 1,408.58 | M81612-16-42 | 12 | 977.37 |
| M23641-08-08 | 40 | 801.03 | M24792-16-16 | 8 | 1,166.56 | M66613-06-22 | 10 | 653.34 | M81612-16-52 | 8 | 1,758.69 |
| M23641-08-12 | 30 | 1,252.51 | M24913-04-22 | 45 | 368.47 | M66613-06-24 | 30 | 548.54 | M81612-20-42 | 10 | 1,724.95 |
| M23641-10-12 | 15 | 1,602.05 | M24913-05-22 | 45 | 371.68 | M66613-08-24 | 30 | 1,025.02 | M81612-20-52 | 3 | 1,571.19 |
| M23641-12-12 | 15 | 821.92 | M24913-06-22 | 45 | 374.88 | M66613-12-36 | 5 | 1,156.96 | M81612-24-52 | 3 | 2,008.96 |
| M23641-12-16 | 20 | 1,383.59 | **INTERLOCK (Serie Anterior)** | | | **SPIRALFIT** | | | M81642-12-30 | 5 | 1,617.31 |
| M23641-16-16 | 6 | 1,164.95 | M32810-12-12 | 0 | 547.55 | M70510-12-12 | 10 | 1,089.84 | M81642-16-36 | 5 | 2,039.32 |
| M23641-16-20 | 6 | 1,843.37 | M32810-20-20 | 0 | 792.65 | M70510-12-16 | 8 | 1,115.51 | M81642-20-42 | 6 | 2,522.71 |
| M23641-20-20 | 6 | 1,991.11 | M32810-24-24 | 0 | 834.36 | M70510-16-16 | 5 | 1,306.41 | M81643-12-36 | 5 | 1,617.30 |
| M23641-20-24 | 6 | 2,916.62 | M40812-12-12 | 0 | 370.89 | M70510-16-20 | 3 | 1,459.68 | M81643-16-42 | 5 | 1,556.53 |
| M23641-24-24 | 2 | 3,155.21 | M40812-16-16 | 0 | 644.60 | M70510-20-20 | 3 | 1,773.10 | M81643-20-52 | 3 | 2,283.08 |
| M23641-32-32 | 2 | 5,400.19 | M40892-32-32 | 0 | 5,228.18 | M70510-24-24 | 3 | 1,721.39 | M81692-12-30 | 5 | 1,676.33 |
| M23691-08-08 | 40 | 906.82 | M42512-12-12 | 0 | 473.72 | M70510-32-32 | 2 | 3,175.92 | M81692-16-36 | 5 | 1,848.43 |
| M23691-08-12 | 30 | 1,294.01 | M42512-24-24 | 0 | 1,362.81 | M71210-12-30 | 10 | 541.88 | M81692-20-42 | 6 | 2,580.06 |
| M23691-10-12 | 20 | 1,541.09 | M42592-12-12 | 0 | 884.32 | M71210-12-36 | 8 | 781.75 | M81693-12-36 | 5 | 1,603.34 |
| M23691-12-12 | 20 | 731.06 | M43390-20-20 | 0 | 2,375.93 | M71210-16-36 | 4 | 1,116.73 | M81693-16-42 | 5 | 1,768.90 |
| M23691-12-16 | 15 | 1,305.67 | M43610-12-12 | 0 | 720.14 | M71210-16-42 | 5 | 945.23 | M81693-20-52 | 3 | 2,555.54 |
| M23691-16-16 | 10 | 1,068.07 | M43610-20-20 | 0 | 1,121.59 | M71210-20-52 | 3 | 1,447.53 | M82412-12-12 | 5 | 515.04 |
| M23691-16-20 | 6 | 1,765.25 | M43610-20-24 | 0 | 1,633.33 | M71210-24-52 | 3 | 1,523.14 | M82412-16-16 | 10 | 1,138.69 |
| M23691-20-20 | 6 | 1,629.73 | M43640-16-20 | 0 | 1,576.38 | M72810-12-12 | 8 | 607.95 | M82412-20-20 | 8 | 1,676.92 |
| M23691-20-24 | 6 | 3,250.31 | M43640-20-20 | 0 | 1,629.24 | M72810-16-16 | 5 | 717.96 | M82412-24-24 | 5 | 2,451.92 |
| M23691-24-24 | 3 | 3,102.57 | M43640-24-24 | 0 | 2,318.99 | M72810-20-20 | 8 | 880.07 | M82441-12-12 | 10 | 903.34 |
| M23691-32-32 | 2 | 4,188.46 | M43690-12-12 | 0 | 1,082.19 | M72810-24-24 | 5 | 1,124.46 | M82441-16-16 | 3 | 1,384.01 |
| M23811-04-04 | 50 | 171.20 | M43690-16-16 | 0 | 1,326.65 | M72810-32-32 | 3 | 1,852.80 | M82441-20-20 | 0 | 1,972.28 |
| M23811-06-06 | 25 | 182.47 | M43690-20-24 | 0 | 2,493.41 | M80812-12-12 | 8 | 411.80 | M82442-20-20 | 4 | 1,776.35 |
| M23811-08-08 | 25 | 305.54 | M43690-32-32 | 0 | 4,504.52 | M80812-12-16 | 8 | 662.72 | M82442-24-24 | 2 | 3,696.53 |
| M23811-12-12 | 20 | 407.74 | M45812-12-12 | 0 | 327.06 | M80812-16-12 | 15 | 598.20 | M82491-12-12 | 10 | 903.34 |
| M23811-16-16 | 15 | 1,019.48 | M47512-12-12 | 0 | 417.74 | M80812-16-16 | 15 | 715.70 | M82491-20-20 | 2 | 2,047.94 |
| M23911-12-12 | 20 | 1,150.56 | M47542-12-12 | 0 | 902.67 | M80812-16-20 | 10 | 1,426.72 | M82492-16-16 | 3 | 1,384.01 |
| M23911-16-16 | 15 | 1,383.59 | M47542-16-16 | 0 | 1,062.90 | M80812-20-16 | 3 | 2,702.11 | M82492-20-20 | 0 | 1,844.50 |
| M23911-16-20 | 10 | 1,682.15 | M47542-20-20 | 0 | 1,753.21 | M80812-20-20 | 3 | 1,323.02 | M82492-24-24 | 2 | 3,696.53 |
| M23911-20-20 | 10 | 1,762.26 | M47542-24-24 | 0 | 2,130.09 | M80812-20-24 | 3 | 3,096.32 | M82542-12-12 | 8 | 1,136.53 |
| M23911-24-24 | 6 | 2,322.97 | M47542-32-32 | 0 | 3,382.07 | M80812-24-20 | 3 | 3,115.85 | M82542-16-16 | 6 | 1,338.28 |
| M23941-12-12 | 10 | 1,747.69 | M47592-12-12 | 0 | 779.83 | M80812-24-24 | 3 | 2,168.70 | M82542-20-20 | 2 | 2,207.42 |
| M23941-16-16 | 8 | 1,800.06 | M47592-16-16 | 0 | 1,130.21 | M80812-32-32 | 2 | 2,764.88 | M82542-24-24 | 4 | 2,681.94 |
| M23941-16-20 | 6 | 2,436.88 | M47592-20-20 | 0 | 1,586.35 | M80842-12-12 | 10 | 1,353.23 | M82542-32-32 | 2 | 4,258.28 |
| M23941-20-20 | 6 | 2,475.90 | M47592-32-32 | 0 | 3,833.95 | M80842-12-16 | 10 | 1,609.79 | M82592-12-12 | 8 | 981.85 |
| M23991-12-12 | 15 | 1,457.87 | M48610-12-12 | 0 | 635.05 | M80842-16-12 | 8 | 1,302.24 | M82592-12-16 | 8 | 1,600.03 |
| M23991-16-16 | 8 | 2,020.83 | M48610-12-16 | 0 | 891.40 | M80842-16-16 | 8 | 1,915.61 | M82592-16-16 | 6 | 1,423.02 |
| M23991-16-20 | 6 | 2,489.52 | M48610-16-16 | 0 | 834.30 | M80842-16-20 | 6 | 2,220.03 | M82592-20-20 | 2 | 1,997.33 |
| M23991-20-20 | 6 | 2,330.26 | M48610-16-20 | 0 | 883.91 | M80842-20-16 | 6 | 2,766.79 | M82592-20-24 | 2 | 4,721.99 |
| M24011-04-14 | 50 | 252.18 | M48640-12-12 | 0 | 856.56 | M80842-20-20 | 2 | 2,941.88 | M82592-24-24 | 4 | 2,920.00 |
| M24011-04-18 | 40 | 590.43 | M48640-12-16 | 0 | 1,046.92 | M80842-20-24 | 2 | 3,201.28 | M82592-32-32 | 2 | 4,827.22 |
| M24011-05-16 | 50 | 326.05 | M48640-16-16 | 0 | 1,048.70 | M80842-24-24 | 2 | 3,417.64 | M82712-12-12 | 5 | 525.96 |
| M24011-06-14 | 50 | 262.15 | M48640-16-20 | 0 | 1,390.11 | M80842-32-32 | 1 | 5,574.28 | M82712-12-16 | 5 | 922.67 |
| M24011-06-18 | 40 | 269.44 | M48640-20-20 | 0 | 1,436.72 | M80892-12-12 | 15 | 1,390.25 | M82712-16-16 | 10 | 652.26 |
| M24011-08-22 | 30 | 390.58 | M48640-20-24 | 0 | 2,012.34 | M80892-12-16 | 10 | 1,434.05 | M82712-16-20 | 8 | 1,382.79 |
| M24011-10-24 | 20 | 351.52 | M48640-24-24 | 0 | 2,044.96 | M80892-16-12 | 8 | 1,650.53 | M82712-20-20 | 6 | 931.53 |
| M24011-12-30 | 20 | 551.06 | M48640-24-32 | 0 | 3,267.28 | M80892-16-16 | 4 | 1,694.85 | M82712-20-24 | 6 | 3,995.80 |
| M24011-16-33 | 15 | 866.43 | M48690-12-12 | 0 | 954.32 | M80892-16-20 | 8 | 2,220.03 | M82712-24-24 | 5 | 2,544.83 |
| M24011-20-36 | 15 | 2,125.26 | M48690-12-16 | 0 | 1,082.49 | M80892-20-16 | 6 | 2,429.20 | M82712-32-32 | 3 | 2,787.02 |
| M24012-24-42 | 3 | 1,868.38 | M48690-16-20 | 0 | 1,508.95 | M80892-20-20 | 2 | 2,535.29 | M83311-12-12 | 20 | 862.10 |
| M24111-10-10 | 30 | 1,042.68 | **EXTRALOCK** | | | M80892-20-24 | 2 | 3,900.28 | M83311-12-16 | 15 | 982.62 |
| M24141-10-10 | 30 | 1,609.03 | M57810-06-06 | 15 | 621.30 | M80892-24-24 | 2 | 3,941.61 | M83311-16-12 | 15 | 1,331.53 |
| M24191-10-10 | 30 | 1,609.03 | M57810-08-08 | 15 | 703.36 | M80892-32-32 | 1 | 5,804.82 | M83311-16-16 | 15 | 989.24 |
| M24792-04-04 | 40 | 388.86 | M57810-12-12 | 15 | 1,008.15 | M81612-12-30 | 5 | 1,165.00 | M83311-16-20 | 8 | 1,529.28 |
| M24792-06-06 | 30 | 576.13 | M57810-32-32 | 2 | 4,923.58 | M81612-12-36 | 5 | 1,113.60 | M83311-20-20 | 10 | 1,412.60 |
| M24792-08-08 | 30 | 576.13 | M65514-06-06 | 30 | 1,102.50 | M81612-12-42 | 5 | 1,187.64 | M83311-20-24 | 8 | 2,141.96 |
| M24792-10-10 | 30 | 713.37 | M65514-08-08 | 30 | 1,242.17 | M81612-16-36 | 12 | 1,022.68 | M83311-24-24 | 8 | 1,605.75 |

| NUMERO | CJ | PRECIO | NUMERO | CJ | PRECIO | NUMERO | CJ | PRECIO | NUMERO | CJ | PRECIO |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M83311-24-32 | 6 | 2,636.29 | M83661-24-24 | 2 | 2,494.63 | M83941-32-32 | 2 | 5,149.14 | O20310-12-12 | 8 | 1,234.74 |
| M83311-32-32 | 4 | 2,641.48 | M83661-32-32 | 2 | 4,508.40 | M83961-12-12 | 5 | 1,376.68 | O20310-16-16 | 8 | 3,002.77 |
| M83341-12-12 | 5 | 1,557.81 | M83691-12-12 | 5 | 1,201.56 | M83961-12-16 | 6 | 1,603.69 | O20910-04-12 | 50 | 255.56 |
| M83341-12-16 | 5 | 1,369.29 | M83691-12-16 | 5 | 1,362.93 | M83961-16-16 | 8 | 1,902.70 | O20910-04-14 | 25 | 218.42 |
| M83341-16-16 | 5 | 1,437.98 | M83691-16-12 | 5 | 1,198.50 | M83961-16-16055 | 5 | 2,405.54 | O20910-05-14 | 25 | 245.17 |
| M83341-16-20 | 4 | 1,917.31 | M83691-16-16 | 5 | 1,472.97 | M83961-16-20 | 6 | 1,902.70 | O20910-06-14 | 25 | 261.64 |
| M83341-20-20 | 5 | 2,037.14 | M83691-16-20 | 3 | 1,899.89 | M83961-20-20 | 3 | 2,962.07 | O20910-06-16 | 25 | 355.11 |
| M83341-20-24 | 5 | 2,577.20 | M83691-20-16 | 5 | 1,813.61 | M83961-20-24 | 2 | 3,196.40 | O20910-06-18 | 25 | 372.94 |
| M83341-24-24 | 4 | 3,115.62 | M83691-20-20 | 4 | 1,842.68 | M83961-24-24 | 2 | 3,715.10 | O20910-08-18 | 25 | 453.19 |
| M83341-24-32 | 4 | 3,283.51 | M83691-20-24 | 4 | 2,768.41 | M83961-32-32 | 1 | 5,780.12 | O20910-08-22 | 10 | 601.77 |
| M83341-32-32 | 2 | 5,272.59 | M83691-24-20 | 3 | 2,018.60 | M83961-32-32150 | 2 | 8,161.25 | O20910-10-22 | 10 | 937.57 |
| M83391-12-12 | 5 | 1,198.31 | M83691-24-24 | 2 | 2,756.13 | M83971-12-12 | 5 | 1,376.68 | O20910-12-26 | 10 | 1,008.89 |
| M83391-12-16 | 5 | 1,437.98 | M83691-24-24GX | 2 | 2,791.27 | M83971-12-16 | 6 | 1,603.69 | | | |
| M83391-16-16 | 5 | 1,437.98 | M83691-24-32 | 2 | 3,954.44 | M83971-16-16 | 4 | 1,902.70 | | | |
| M83391-16-20 | 4 | 2,172.00 | M83691-32-32 | 2 | 5,001.34 | M83971-16-20 | 6 | 1,902.70 | | | |
| M83391-20-16 | 4 | 2,006.44 | M83691-32-32GX | 2 | 5,039.51 | M83971-20-20 | 3 | 2,962.07 | | | |
| M83391-20-20 | 5 | 2,637.99 | M83711-12-12 | 5 | 1,015.43 | M83971-20-24 | 2 | 3,196.40 | | | |
| M83391-20-24 | 5 | 2,985.20 | M83711-16-16 | 5 | 1,342.51 | M83971-24-24 | 2 | 3,715.10 | | | |
| M83391-24-24 | 4 | 3,572.73 | M83711-20-20 | 3 | 1,701.33 | M83971-32-32 | 1 | 5,780.12 | | | |
| M83391-24-32 | 4 | 3,912.26 | M83741-12-12 | 5 | 1,775.78 | M83991-12-12 | 5 | 1,570.42 | | | |
| M83391-32-32 | 2 | 4,553.60 | M83741-16-16 | 5 | 1,886.84 | M83991-12-16 | 6 | 3,095.38 | | | |
| M83611-12-12 | 15 | 799.57 | M83741-20-20 | 3 | 3,123.17 | M83991-16-16 | 5 | 2,159.54 | | | |
| M83611-12-16 | 10 | 1,122.33 | M83791-12-12 | 5 | 1,775.78 | M83991-16-16132 | 3 | 2,382.08 | | | |
| M83611-16-12 | 15 | 1,401.63 | M83791-16-16 | 5 | 1,883.18 | M83991-16-16150 | 3 | 2,561.28 | | | |
| M83611-16-16 | 15 | 1,050.44 | M83791-20-20 | 3 | 3,123.17 | M83991-16-20 | 6 | 3,322.99 | | | |
| M83611-16-20 | 8 | 1,112.91 | M83911-12-12 | 10 | 1,242.77 | M83991-16-20150 | 3 | 2,977.27 | | | |
| M83611-20-16 | 8 | 1,727.63 | M83911-12-16 | 10 | 2,715.39 | M83991-20-20 | 5 | 3,203.73 | | | |
| M83611-20-20 | 8 | 1,245.29 | M83911-16-16 | 10 | 1,580.35 | M83991-20-20092 | 3 | 3,169.56 | | | |
| M83611-20-24 | 6 | 1,813.48 | M83911-16-20 | 10 | 1,807.51 | M83991-20-20150 | 3 | 3,486.12 | | | |
| M83611-24-20 | 10 | 1,753.81 | M83911-20-20 | 4 | 2,151.27 | M83991-20-24 | 2 | 7,199.02 | | | |
| M83611-24-24 | 6 | 1,830.94 | M83911-20-24 | 2 | 5,139.20 | M83991-20-24135 | 2 | 4,868.80 | | | |
| M83611-24-24GX | 5 | 2,484.29 | M83911-24-24 | 2 | 3,003.50 | M83991-24-24 | 2 | 4,555.72 | | | |
| M83611-24-32 | 2 | 3,038.36 | M83911-24-32 | 2 | 3,130.50 | M83991-24-24106 | 2 | 5,216.76 | | | |
| M83611-32-24 | 6 | 2,958.39 | M83911-32-24 | 2 | 4,065.37 | M83991-24-32 | 2 | 4,569.42 | | | |
| M83611-32-32 | 2 | 2,890.19 | M83911-32-32 | 2 | 4,657.29 | M83991-32-32 | 2 | 5,780.12 | | | |
| M83611-32-32GX | 2 | 4,188.20 | M83921-12-12 | 5 | 1,291.26 | M88511-12-12 | 10 | 867.75 | | | |
| M83631-12-12 | 5 | 1,103.30 | M83921-12-16 | 4 | 1,557.31 | M88511-16-16 | 10 | 1,124.05 | | | |
| M83631-16-16 | 5 | 1,188.73 | M83921-16-16 | 8 | 1,401.10 | M88511-20-20 | 10 | 1,604.91 | | | |
| M83631-20-20 | 3 | 1,628.10 | M83921-16-20 | 4 | 1,869.76 | M88511-24-24 | 4 | 2,215.15 | | | |
| M83631-24-24 | 2 | 2,320.11 | M83921-20-20 | 5 | 2,238.33 | M88511-32-32 | 2 | 3,191.52 | | | |
| M83631-32-32 | 2 | 3,956.00 | M83921-20-24 | 2 | 2,968.17 | M88541-12-12 | 5 | 1,240.00 | | | |
| M83641-12-12 | 5 | 1,078.48 | M83921-24-24 | 2 | 3,179.32 | M88541-16-16 | 4 | 2,157.78 | | | |
| M83641-16-12 | 5 | 1,198.50 | M83931-12-12 | 5 | 1,291.26 | M88541-20-20 | 5 | 2,888.85 | | | |
| M83641-16-16 | 5 | 1,320.39 | M83931-12-16 | 3 | 1,557.31 | M88541-24-24 | 2 | 3,535.69 | | | |
| M83641-16-20 | 5 | 1,750.25 | M83931-16-16 | 8 | 1,401.10 | M88541-32-32 | 1 | 4,779.35 | | | |
| M83641-20-16 | 5 | 1,813.61 | M83931-16-20 | 5 | 1,869.76 | M88591-12-12 | 5 | 1,374.24 | | | |
| M83641-20-20 | 4 | 1,808.93 | M83931-20-20 | 5 | 2,238.33 | M88591-16-16 | 5 | 2,157.78 | | | |
| M83641-20-24 | 4 | 2,533.68 | M83931-20-24 | 2 | 2,968.17 | M88591-20-20 | 5 | 2,888.85 | | | |
| M83641-24-20 | 5 | 1,891.24 | M83931-24-24 | 2 | 3,179.32 | M88591-24-24 | 2 | 3,987.26 | | | |
| M83641-24-24 | 2 | 2,574.76 | M83931-24-32 | 2 | 4,584.07 | M88591-32-32 | 1 | 5,243.12 | | | |
| M83641-24-24GX | 2 | 2,791.27 | M83931-32-32 | 2 | 5,149.14 | **BANJO** | | | | | |
| M83641-24-32 | 2 | 4,113.75 | M83941-12-12 | 5 | 1,570.42 | O20310-04-04 | 50 | 237.73 | | | |
| M83641-32-32 | 2 | 3,506.36 | M83941-12-16 | 4 | 3,221.41 | O20310-04-06 | 10 | 237.73 | | | |
| M83641-32-32GX | 2 | 5,039.51 | M83941-16-16 | 8 | 1,894.76 | O20310-05-04 | 10 | 241.79 | | | |
| M83661-12-12 | 5 | 1,103.30 | M83941-16-20 | 6 | 4,286.12 | O20310-05-06 | 50 | 241.79 | | | |
| M83661-12-16 | 5 | 1,188.73 | M83941-20-20 | 5 | 2,806.57 | O20310-06-06 | 50 | 306.09 | | | |
| M83661-16-16 | 5 | 1,326.64 | M83941-20-24 | 2 | 6,549.10 | O20310-06-08 | 20 | 554.22 | | | |
| M83661-20-20 | 3 | 1,813.61 | M83941-24-24 | 2 | 5,060.43 | O20310-08-08 | 20 | 555.71 | | | |
| M83661-20-24 | 3 | 2,404.32 | M83941-24-32 | 2 | 4,584.07 | O20310-10-10 | 10 | 901.91 | | | |


*Precios Sujetos a Cambio Sin Previo Aviso*

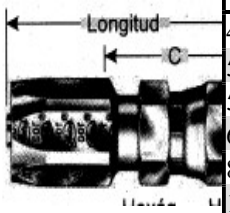
# CONEXIONES REUSABLES GATES (MANGUERA C5)

## SALVAVIDAS

| Clave | DI Manguera | | Tamaño Tubo | | Precio |
|---|---|---|---|---|---|
| | (pulg) | (mm) | | | |
| 4C5-4RLS | 3/16 | 4.8 | 1/4 | -18 | 78.22 |
| 5C5-5RLS | 1/4 | 6.3 | 5/16 | -18 | 223.09 |
| 6C5-6RLS | 5/16 | 7.9 | 3/8 | -18 | 117.72 |
| 8C5-8RLS | 13/32 | 10.3 | 1/2 | -14 | 173.97 |

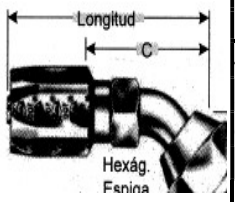
## HEMBRA GIRATORIA ASIENTO UNIVERSAL

### ASIENTO UNIVERSAL JIC 37° / SAE 45°



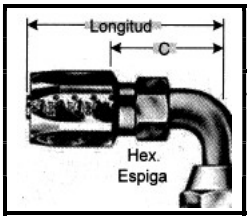

| Clave | DI Manguera | | Tamaño Cuerda | | Precio |
|---|---|---|---|---|---|
| | (pulg) | (mm) | | | |
| 4C5-4RFJSX | 3/16 | 4.8 | 7/16 | -20 | 202.75 |
| 5C5-4RFJSX | 1/4 | 6.3 | 7/16 | -20 | 361.80 |
| 5C5-5RFJSX | 1/4 | 6.3 | 1/2 | -20 | 277.50 |
| 6C5-8RFJSX | 5/16 | 7.9 | 3/4 | -16 | 699.95 |
| 8C5-8RFJSX | 13/32 | 10.3 | 3/4 | -16 | 347.39 |
| 10C5-8RFJSX | 1/2 | 12.7 | 3/4 | -16 | 519.47 |
| 10C5-10RFJSX | 1/2 | 12.7 | 7/8 | -14 | 441.79 |

### CODO A 45° CON ASIENTO UNIVERSAL JIC 37° / SAE 45°




| Clave | DI Manguera | | Tamaño Cuerda | | Precio |
|---|---|---|---|---|---|
| | (pulg) | (mm) | | | |
| 4C5-4RFJSX45 | 3/16 | 4.8 | 7/16 | -20 | 1,325.46 |
| 5C5-5RFJSX45 | 1/4 | 6.3 | 1/2 | -20 | **COTIZAR** |
| 6C5-8RFJSX45 | 5/16 | 7.9 | 3/4 | -16 | 2,194.72 |
| 8C5-8RFJSX45 | 2/5 | 10.3 | 3/4 | -16 | **COTIZAR** |
| 10C5-10RFJSX45 | 1/2 | 12.7 | 7/8 | -14 | 1,823.28 |

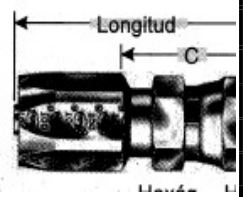
### CODO A 90° CON ASIENTO UNIVERSAL JIC 37° / SAE 45°




| Clave | DI Manguera | | Tamaño Cuerda | | Precio |
|---|---|---|---|---|---|
| | (pulg) | (mm) | | | |
| 4C5-4RFJSX90 | 3/16 | 4.8 | 7/16 | -20 | 823.79 |
| 5C5-5RFJSX90 | 1/4 | 6.3 | 1/2 | -20 | 1,325.46 |
| 8C5-8RFJSX90 | 13/32 | 10.3 | 3/4 | -16 | **COTIZAR** |
| 10C5-10RFJSX90 | 1/2 | 12.7 | 7/8 | -14 | 1,663.76 |

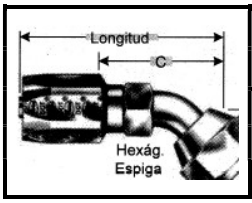
## HEMBRA GIRATORIA ABOCINADO JIC 37°

### ABOCINADO JIC 37°



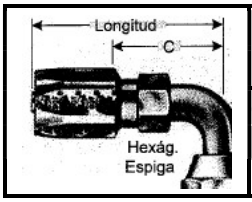

| Clave | DI Manguera (pulg) | DI Manguera (mm) | Tamaño Cuerda | | Precio |
|---|---|---|---|---|---|
| 6C5-6RFJX | 5/16 | 7.9 | 9/16 | -18 | 254.69 |
| 8C5-6RFJX | 13/32 | 10.3 | 9/16 | -18 | 1,359.37 |
| 10C5-12RFJX | 1/2 | 12.7 | 1 1/16 | -12 | 1,256.88 |
| 12C5-12RFJX | 5/8 | 15.9 | 1 | -12 | 673.83 |
| 16C5-16RFJX | 7/8 | 22.2 | 1 5/16 | -12 | 883.90 |

### CODO 45° ABOCINADO JIC 37°




| Clave | DI Manguera (pulg) | DI Manguera (mm) | Tamaño Cuerda | | Precio |
|---|---|---|---|---|---|
| 6C5-6RFJX45 | 5/16 | 7.9 | 9/16 | -18 | 1,320.07 |
| 12C5-12RFJX45 | 5/8 | 15.9 | 1 1/16 | -12 | **COTIZAR** |
| 16C5-16RFJX45 | 7/8 | 22.2 | 1 5/16 | -12 | 2,906.77 |

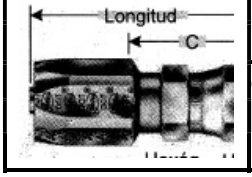
### CODO 90° ABOCINADO JIC 37°




| Clave | DI Manguera (pulg) | DI Manguera (mm) | Tamaño Cuerda | | Precio |
|---|---|---|---|---|---|
| 6C5-6RFJX90 | 5/16 | 7.9 | 9/16 | -18 | 1,306.97 |
| 12C5-12RFJX90 | 5/8 | 15.9 | 1 1/16 | -12 | **COTIZAR** |
| 16C5-16RFJX90 | 7/8 | 22.2 | 1 5/16 | -12 | 2,847.43 |

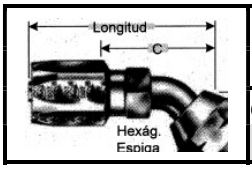
## HEMBRA GIRATORIA ABOCINADO SAE 45°

### ABOCINADO SAE 45°



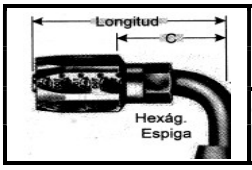

| Clave | DI Manguera (pulg) | DI Manguera (mm) | Tamaño Cuerda | | Precio |
|---|---|---|---|---|---|
| 6C5-6RFSX | 5/16 | 7.9 | 5/8 | -18 | 220.09 |
| 10C5-12RFSX | 1/2 | 12.7 | 1 1/16 | -14 | 1,484.21 |
| 12C5-12RFSX | 5/8 | 15.9 | 1 1/16 | -14 | 730.16 |

### CODO 45° ABOCINADO SAE 45°




| Clave | DI Manguera (pulg) | DI Manguera (mm) | Tamaño Cuerda | | Precio |
|---|---|---|---|---|---|
| 6C5-6RFSX45 | 5/16 | 7.9 | 5/8 | -18 | 1,350.12 |
| 12C5-12RFSX45 | 5/8 | 15.9 | 1 1/16 | -14 | **COTIZAR** |

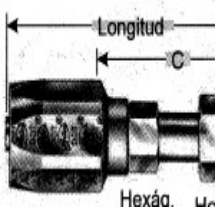
### CODO 90° ABOCINADO SAE 45°




| Clave | DI Manguera (pulg) | DI Manguera (mm) | Tamaño Cuerda | | Precio |
|---|---|---|---|---|---|
| 6C5-6RFSX90 | 5/16 | 7.9 | 5/8 | -18 | 1,130.50 |
| 12C5-12RFSX90 | 5/8 | 15.9 | 1 1/16 | -14 | 2,462.12 |

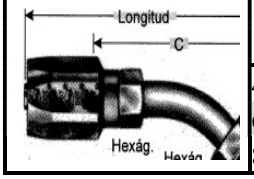
## MACHO GIRATORIO ASIENTO INVERTIDO

### ABOCINADO INVERTIDO SAE 45°



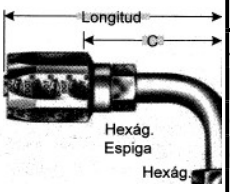

| Clave | DI Manguera (pulg) | DI Manguera (mm) | Tamaño Cuerda | | Precio |
|---|---|---|---|---|---|
| 4C5-4RMIX | 3/16 | 4.8 | 7/16 | -24 | 1,021.84 |
| 5C5-5RMIX | 1/4 | 6.3 | 1/2 | -20 | **COTIZAR** |
| 5C5-6RMIX | 1/4 | 6.3 | 5/8 | -18 | 1,615.21 |
| 6C5-5RMIX | 5/16 | 7.9 | 1/2 | -20 | 1,673.78 |
| 6C5-6RMIX | 5/16 | 7.9 | 5/8 | -18 | 1,145.91 |
| 8C5-8RMIX | 2/5 | 10.3 | 3/4 | -16 | 1,213.72 |

### CODO 45° ABOCINADO INVERTIDO SAE 45°



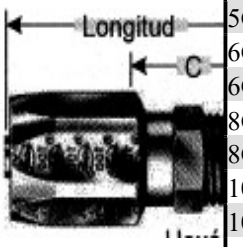

| Clave | DI Manguera (pulg) | DI Manguera (mm) | Tamaño Cuerda | | Precio |
|---|---|---|---|---|---|
| 4C5-4RMIX45 | 3/16 | 4.8 | 7/16 | -24 | 910.10 |
| 6C5-6RMIX45 | 5/16 | 7.9 | 5/8 | -18 | 1,071.16 |
| 8C5-8RMIX45 | 13/32 | 10.3 | 3/4 | -16 | **COTIZAR** |

### CODO 90° ABOCINADO INVERTIDO SAE 45°




| Clave | DI Manguera (pulg) | DI Manguera (mm) | Tamaño Cuerda | | Precio |
|---|---|---|---|---|---|
| 4C5-4RMIX90 | 3/16 | 4.8 | 7/16 | -24 | 1,122.02 |
| 5C5-5RMIX90 | 1/4 | 6.3 | 1/2 | -20 | **COTIZAR** |
| 6C5-6RMIX90 | 5/16 | 7.9 | 5/8 | -18 | 1,314.67 |
| 6C5-8RMIX90 | 5/16 | 7.9 | 3/4 | -16 | 2,467.52 |
| 8C5-6RMIX90 | 13/32 | 10.3 | 5/8 | -18 | **COTIZAR** |
| 8C5-8RMIX90 | 13/32 | 10.3 | 3/4 | -16 | 1,264.58 |

## MACHO TUBERIA NPT ASIENTO A 30°




| Clave | DI Manguera (pulg) | DI Manguera (mm) | Tamaño Cuerda | | Precio |
|---|---|---|---|---|---|
| 4C5-2RMP | 3/16 | 4.8 | 1/8 | -27 | 148.57 |
| 4C5-4RMP | 3/16 | 4.8 | 1/4 | -18 | 176.78 |
| 5C5-2RMP | 1/4 | 6.3 | 1/8 | -27 | 373.60 |
| 5C5-4RMP | 1/4 | 6.3 | 1/4 | -18 | 341.92 |
| 6C5-4RMP | 5/16 | 7.9 | 1/4 | -18 | 240.74 |
| 6C5-6RMP | 5/16 | 7.9 | 3/8 | -18 | 302.93 |
| 8C5-6RMP | 13/32 | 10.3 | 3/8 | -18 | 459.75 |
| 8C5-8RMP | 13/32 | 10.3 | 1/2 | -14 | 382.69 |
| 10C5-8RMP | 1/2 | 12.7 | 1/2 | -14 | 627.44 |
| 10C5-12RMP | 1/2 | 12.7 | 3/4 | -14 | 768.77 |
| 12C5-12RMP | 5/8 | 15.9 | 3/4 | -14 | 782.95 |
| 16C5-12RMP | 7/8 | 22.2 | 3/4 | -14 | 1,694.59 |
| 16C5-16RMP | 7/8 | 22.2 | 1 11 ½ | -11.5 | 989.47 |
| 20C5-20RMP | 1 1/8 | 28.6 | 1¼ -11 ½ | -11.5 | 1,807.87 |
| 24C5-24RMP | 1 3/8 | 34.9 | 1½ -11 ½ | -11.5 | 2,425.90 |

# TABLA DE EQUIVALENCIAS
# MANGUERAS HIDRAULICAS

| NORMA | PARKER | AEROQUIP | GATES | MANULI |
|---|---|---|---|---|
| **SAE 100R5** | 201 | 1503 | C5C | **COVER** |
| | POWER WASHER 7528 / 432 | | POWERCLEAN | **SUPERJET** |
| **SAE 100R1AT** | 421 | FC 211 | GIH (C1TH) | **HARVESTER /1T** |
| **EN 853 1SN (Excede SAE100 R1AT)** | 481 / 482TC | GH 663 | G2 (C1T) | **TRACTOR /1T** |
| **EN 853 1SN** | 421 HT | GH 194 | | **EQUATOR /1** |
| **SAE 100 R17** | 451 TC | GH 681 | M3K | **HARVESTER /17** |
| **SAE100R7 NO CONDUCTIVA** | PARFLEX | FC 373 | C7S NC | **HYDROPLAST** |
| **SAE 100R2A** | 3212 | 2781 | C2A | **TRACTOR /2** |
| **SAE 100R2AT** | 301 | FC212 | C2ATH | **HARVESTER /2T** |
| **EN 853 2SN (Excede SAE 100 R2AT)** | 381 | GH 793 | C2AT | **TRACTOR /2T** |
| **EN 853 2SN (Excede SAE 100 R2AT)** | 436 | GH 195 | G2 AT-HMP | **EQUATOR /2** |
| **SAE 100R16** | 441 | GH781 FC310 | M2T | **TRACTOR / 2K LYTEFLEX** |
| **SAE 100R9** | 341 | | | **GOLDENSPIR /9T** |
| **SAE 100R12** | 77C | FC 136 GH 493 | C12 | **GOLDENSPIR /12** |
| **Excede SAE 100R12** | 772TC | FC736 | C12-MTF | **ROCKMASTER /12** |
| **EN 856 4SP** | 741 701 | | LW CPS | **GOLDENSPIR /4SP ROCKMASTER /4SP** |
| **EN 856 4SH** | 731 | GH 506 | | **GOLDENSPIR /4SH ROCKMASTER /4SH** |
| **SAE 100R13** | 78C | FC 273 | C13 | **GOLDENSPIR /13** |
| **Excede SAE 100R13** | 782TC | | G5K-MTF | **ROCKMASTER /13** |
| **SAE 100R15** | 792TC | FC 606 | G6K | **ROCKMASTER /15** |
| | | | J 2 AT | **JACKMASTER** |
| | | | | **GOLDENBLAST** |
| **REFRIG. 134** | | FC558 | | **NEW CLIMA / FRIGOSTAR** |
| **SAE 100R6** | | FC498 | C6H | **ADLER/1** |
| **SAE 100R3** | 7720 / 601 | 2583 | C3 | **ADLER/2** |
| | 831 | 2556 | LOR | **VEGA** |
| | | | | |
| | | | | **GOODYEAR** |
| | 821 | 1525 | LOC | **INSTA GRIP ( 9260 )** |
| | 831 | 2556 | LOR | **INSTA GRIP I ( 9273 )** |

# TABLA DE INTERCAMBIOS
# CONEXIONES MANULI

| DESCRIPCION | MANULI | AEROQUIP | PARKER | GATES |
|---|---|---|---|---|
| BANJO BSP | 020310 | / | / | / |
| BANJO MILIMETRICO | 020910 | / | / | / |
| PERNO BSP | 080210 | / | / | BW |
| PERNO MILIMETRICO | 080810 | / | AM | |
| SOPORTE DE BRIDA (MEDIA LUNA) CODIGO 61 (SAE 3000 PSI) | 083308 | 449-74446 | 51H | FHS |
| SOPORTE DE BRIDA (MEDIA LUNA) CODIGO 62 (SAE 6000 PSI) | 083609 | FC 3425 | HFH | / |
| HEMBRA GIRATORIA BSP (BSPP) RECTA ASIENTO A 30° | L20513 | 07.390 | 39282 | / |
| HEMBRA GIRATORIA BSP (BSPP) CODO 45° ASIENTO A 30° | L20543 | / | / | / |
| HEMBRA GIRATORIA BSP (BSPP) CODO 90° ASIENTO A 30° | L20593 | / | 3B282 | / |
| MACHO BSP (BSPP) CUERDA RECTA ASIENTO A 30° | LIO510 | 07.122 | 3D982 | / |
| ESPIGA SOLDABLE (SALVAVIDAS) | M..IP.. | / | | FB0 |
| ESPIGA SOLDABLE (SALVAVIDAS) | M..IP../DA | / | / | / |
| FERRUL PELADO DOBLE | M01300 | FC2540/FC2717 | / | PCM-2F/PCS-1F/2F |
| FERRUL PELADO DOBLE | M01400 | / | / | / |
| CONECTOR ESPIGA DOBLE | M10050 | / | / | / |
| CONECTOR ESPIGA DOBLE | M10070 | / | / | / |
| MACHO BSP (BSPT) CONICA | M10510 | 1ABP | 1D943 | MBSPP/PCS-MBSPP |
| MACHO BSPT RECTO ASIENTO PLANO | M10610 | / | / | / |
| MACHO BSP (BSPT ) CONICA | M10710 | 1ABT/1BBT | 1UT43 | MBSPT/PCS-MBSPT |
| MACHO METRICO ASIENTO DE 30° RECTO | M11010 | / | / | / |
| MACHO MILIMETRICO ASIENTO A 24 ° RECTO SERIE LIGERA | M11110 | 1ADK | 1D043 | C2-MDL |
| MACHO MILIMETRICO ASIENTO A 24 ° RECTO SERIE PESADA | M11210 | 1AEK/1BEK | 1D243 | C2-MDH |
| MACHO MILIMETRICO ASIENTO A 24° FRANCES RECTO | M11710 | / | / | / |
| MACHO MILIMETRICO ASIENTO A 24° FRANCES (GAZ) RECTO | M11810 | / | 1FG43 | / |
| MACHO RECTO ORFS | M12410 | 1AAMR/1BAMR | 1JM43 | C2-MFFOR/PCS-MFFOR |
| MACHO JIC RECTO | M12510 | 1AAMJ/1BAMJ | 10343 | MJ/PCS-MJ |
| MACHO RECTO SAE 45° | M12610 | / | 10443 | MS |
| MACHO NPT RECTO | M12810 | 1AAMP/1BAMP | 10143 | MP/PCS-MA |
| MACHO RECTO O´RING BOSS (CUERDA RECTO CON O´RING) | M13010 | 1AAMB/1BAMB | 10543 | MB/PCS-MB |
| MACHO RECTO O´RING BOSS (CUERDA RECTO CON O´RING) GIRATORIO | M14310 | / | 10G43 | MBX |
| MACHO CODO 90° O´RING BOSS (CUERDA RECTO CON O´RING) GIRATORIO | M14390 | / | 10L43 | MBX90/PCS-MBX90 |
| BRIDA MACHO POCLAIN RECTA | M14513 | / | / | / |
| HEMBRA BSP (BSPP) CUERDA RECTA | M20512 | 1AJM/1BJM | 19243 | FBSPPX/PCS-FBSPPX |
| HEMBRA BSP (BSPP) CUERDA RECTA CODO 45° | M20542 | / | 1B143 | FBSPPX45/PCS-FBSPPX45 |
| HEMBRA BSP (BSPP) CUERDA RECTA CODO 90° | M20592 | / | 1B243 | FBSPPX90/PCS-FBSPPX90 |
| HEMBRA GIRATORIA RECTA BSP ASIENTO PLANO | M20612 | / | / | FBFFX |
| HEMBRA GIRATORIA METRICA ASIENTO A 30° (NISSAN) JIS RECTA | M20711 | / | 1GU43 | FBSPPX/PCS-FBSPPX90 |
| HEMBRA RECTA (BSPP) CUERDA RECTA CON O´RING | M20812 | / | / | / |
| HEMBRA CODO 45° (BSPP) CUERDA RECTA CON O´RING | M20842 | / | / | / |
| HEMBRA GIRATORIA (BPSPP) CUERDA RECTA CON O´RING CODO RED. 90° | M20882 | / | 1B443 | FBX90BL |
| HEMBRA CODO 90° (BSPP) CUERDA RECTA CON O´RING | M20892 | / | / | / |
| HEMBRA GIRATORIA MILIMETRICA ASIENTO DE 30° RECTA | M21013 | / | / | PCS - FDLX |
| HEMBRA GIRATORIA MILIMETRICA ASIENTO DE 30° RECTA CODO 90 | M21093 | / | / | PCS - FDLX90 |
| HEMBRA GIRATORIA MILIMETRICA MULTISELLO RECTO | M21312 | / | / | C2-FDLX |
| HEMBRA GIRATORIA MILIMETRICA MULTISELLO RECTO CODO 45 ° | M21342 | / | / | C2FDLX45 |
| HEMBRA GIRATORIA MILIMETRICA MULTISELLO RECTO CODO 90 ° | M21392 | / | / | C2-FDLX90 |
| HEMBRA GIRATORIA MILIMETRICA ASIENTO 24°CON O´RING RECTA | M21512 / | 1ADL/1BDL | 1C343 | / |

# TABLA DE INTERCAMBIOS
# CONEXIONES MANULI

| DESCRIPCION | MANULI | AEROQUIP | PARKER | GATES |
|---|---|---|---|---|
| SERIE LIGERA | 13 | | | |
| HEMBRA GIRATORIA MILIMETRICA ASIENTO 24°CON O´RING CODO 45° SERIE LIGERA | M21542 / 43 | 1ADLA | 1CE43 | / |
| HEMBRA GIRATORIA MILIMETRICA ASIENTO 24°CON O´RING CODO 90° SERIE LIGERA | M21592 / 93 | 1ADLB/1BDLB | 1CF43 | / |
| HEMBRA GIRATORIA MILIMETRICA ASIENTO 24°CON O´RING RECTA SERIE PESADA | M21612 / 13 | 1ADS/1BDS | 1C943 | C2-FDHX/PCS-FDHX |
| HEMBRA GIRATORIA MILIMETRICA ASIENTO 24°CON O´RING CODO 45° SERIE PESADA | M21642 / 43 | 1ADSA/1BDSA | 10C43 | C2-FDHX45/PCS-FDHX45 |
| HEMBRA GIRATORIA MILIMETRICA ASIENTO 24°CON O´RING CODO 90° SERIE PESADA | M21692 / 93 | 1ADSB/1BDSB | 11C43 | C2-FDHX90/PCS-FDHX90 |
| HEMBRA GIRATORIA MILIMETRICA ASIENTO A 24° FRANCES RECTA | M21713 | / | / | / |
| HEMBRA GIRATORIA MILIMETRICA ASIENTO A 24° FRANCES CODO 90° | M21793 | / | / | / |
| HEMBRA GIRATORIA MILIMETRICA ASIENTO A 24° FRANCES (GAZ) RECTA | M21813 | / | 1F443 | / |
| HEMBRA GIRATORIA MILIMETRICA ASIENTO A 24° FRANCES (GAZ) CODO 45° | M21843 | / | / | / |
| HEMBRA GIRATORIA MILIMETRICA ASIENTO A 24° FRANCES (GAZ) CODO 90° | M21893 | / | / | / |
| TUBO LISO MILIMETRICO RECTO SERIE LIGERA | M22010 | / | 11D43 | MSP |
| TUBO LISO MILIMETRICO RECTO SERIE PESADA | M22010 | / | 13D43 | / |
| TUBO LISO MILIMETRICO CODO 45° SERIE LIGERA | M22040 | / | / | / |
| TUBO LISO MILIMETRICO CODO 45° SERIE PESADA | M22040 | / | / | / |
| TUBO LISO MILIMETRICO CODO 90° SERIE LIGERA | M22090 | / | / | / |
| TUBO LISO MILIMETRICO CODO 90° SERIE PESADA | M22090 | / | / | / |
| HEMBRA GIRATORIA ORFS RECTA (ASIENTO PLANO) | M22411 | 1AAFR/1BAFR | 1JS43 | C2-FFORX/PCS-FFORX |
| HEMBRA GIRATORIA ORFS CODO 45° (ASIENTO PLANO) | M22443 | 1AAFRA/1BAFRA | 1J743 | C2-FFORX45/PCS-FFORX45 |
| HEMBRA GIRATORIA ORFS CODO 90° (ASIENTO PLANO) | M22493 | 1AAFRB/1BAFR | 1J943 | C2-FFORX90/PCS-FFORX90 |
| HMEBRA GIRATORIA RECTA JIC | M22512 | 1AAFJ/1BAFJ | 10643 | FJX/PCS-FJX |
| HEMBRA GIRATORIA CODO 45° JIC | M22542 | 1AAFJA/1BAFJA | 13743 | FJX45/PCS-FJA45 |
| HEMBRA GIRATORIA CODO 90° JIC CODO CORTO | M22582 | / | / | / |
| HEMBRA GIRATORIA CODO 90° JIC | M22592 | 1AAFJB/1BAFJB | 13943 | FJX90/PCS-FJX90 |
| HEMBRA GIRATORIA SAE 45 RECTA | M22612 | 1AAFS/1BAFS | 17843 | FSX |
| HEMBRA GIRATORIA SAE 45 CODO 45° | M22642 | / | 17743 | FSX45 |
| HEMBRA GIRATORIA SAE 45 CODO 90° | M22692 | / | 17943 | FSX90 |
| HEMBRA GIRATORIA NPSM RECTA | M22812 | / | 10743 | FPX |
| BRIDA RECTA CODIGO 61 (SAE 3000) | M23311 | 1AFL/1BFL | 11543 | FL/FLK/PCS-FL |
| BRIDA CODO 45° CODIGO 61 (SAE 3000) | M23341 | 1AFLA/1BFLA | 11743 | FL45/FLK45/PCS-FL45 |
| BRIDA CODO 90° CODIGO 61 (SAE 3000) | M23391 | 1AFLB/1BFLB | 11943 | FL90/FLX90/PCS-FL90 |
| BRIDA RECTA CODIGO 62 (SAE 6000) | M23611 | 1BFH | 16A71 | PCS-FLH |
| BRIDA CODO 45° CODIGO 62 (SAE 6000) | M23641 | 1BFHA | 16F71 | PCS-FLH45 |
| BRIDA CODO 90° CODIGO 62 (SAE 6000) | M23691 | 1BFHB | 16N71 | PCS-FLH90 |
| HEMBRA GIRATORIA METRICA ASIENTO A 30° (TOYOTA) JIS RECTA | M23811 | 1AJF/1BJF | 1FU43 | FJISX |
| BRIDA RECTA SUPERCAT | M23911 | 1ECT | 1XA78 | PCM-FLC |
| BRIDA CODO 45° SUPERCAT | M23941 | 1ECTA | 1XF78 | PCM-FLC45 |
| BRIDA CODO 90° SUPERCAT | M23991 | 1ECTB | 1XN78 | PCM-FLC90 |
| HEMBRA GIRATORIA MILIMETRICA ASIENTO A 30° (KAMATSU) JIS RECTA | M24011 | 1AKF/1BKF | 1MU43 | FKX/PCS-FKX |
| BRIDA RECTA KOMATSU | M24111 | 1AKS/1BKS | / | / |
| BRIDA CODO 45° KOMATSU | M24141 | 1AKSA/1BKSA | / | / |
| BRIDA CODO 90° KOMATSU | M24191 | 1AKSB/1BSB | / | / |
| HEMBRA GIRATORIA ORFS CODO 90° LARGO (ASIENTO PLANO) | M24493 | 1AAFRC/1BAFRC | 1J143 | C2-FFORX90L |

# TABLA DE INTERCAMBIOS
# CONEXIONES MANULI

| DESCRIPCION | MANULI | AEROQUIP | PARKER | GATES |
|---|---|---|---|---|
| BRIDA HEMBRA POCLAIN RECTA | M24513 | / | / | / |
| BRIDA HEMBRA POCLAIN CODO 90° | M24593 | / | / | / |
| HEMBRA ARANDELA DE DESGASTE | M24913 | / | / | / |
| MACHO BSP (BSPP) CUERDA RECTA ASIENTO A 30° | M35510 | / | / | PCM-MBSPP |
| MACHO BSP (BSPT) CONICO RECTO | M35710 | / | 1UT71 | / |
| MACHO MILIMETRICO ASIENTO A 24° RECTO SERIE PESADA | M36210 | / | 1D73/1D278 | PCM-FDHX |
| MACHO JIC RECTO ASIENTO A 37° | M37510 | FC5323/FC502 | 10370/10371 | PCM-MJ/PCS-M |
| MACHO NPTF RECTO ASIENTO A 30° | M37810 | FC5322 | 10170/10171 / 10173 / 10178 | PCM-MP/PCS-MP |
| HEMBRA GIRATORIA RECTA BSP (BSPP) CUERDA RECTA ASIENTO A 30° | M45810 | 1EBF | 1GU71 | PCM-MBSPPX |
| HEMBRA GIRATORIA CODO 45° (BSPP) CUERDA RECTA ASIENTO A 30° | M45840 | 1EBFA | 1B171 | PCM-MBSPPX45 |
| HEMBRA GIRATORIA CODO 90° (BSPP) CUERDA RECTA ASIENTO A 30° | M45890 | 1EBFB | 1G271 | PCM-MBSPPX90 |
| HEMBRA GIRATORIA RECTA MILIMETRICA ASIENTO 24° SERIE PESADA | M46613 | / | 1C973/1C978 | PCM-FDHX90 |
| HEMBRA GIRATORIA CODO 45° MILIMETRICA ASIENTO 24° SERIE PESADA | M46643 | / | 10C73/10C78 | / |
| HEMBRA GIRATORIA CODO 90° MILIMETRICA ASIENTO 24° SERIE PESADA | M46693 | / | 11C73/11C78 | PCM-FDHX45 |
| HEMBRA GIRATORIA ORFS RECTA (ASIENTO PLANO) | M47411 | FJ9900/FJ9718 | IJS71/1JS73 / 1JS78 | PCM-FFORX |
| HEMBRA GIRATORIA ORFS CODO 45° (ASIENTO PLANO) | M47441 | FJ9901/FJ9719 | 1J771/1J773/ 1J778 | PCM-FFORX45 |
| HEMBRA GIRATORIA ORFS CODO 90° (ASIENTO PLANO) | M47491 | FJ9902/FJ9720 | IJ971/1J973 / 1J978 | PCM-FFORX90 |
| HEMBRA GIRATORIA RECTA JIC ASIENTO A 37° | M47512 | FC5321/1EAFJ | 10671/10673 / 10678 | PCM-FJX/PCS-FJX |
| HEMBRA GIRATORIA CODO 45° JIC ASIENTO A 37° | M47542 | FC5560/1EAFJA | 1377 | PCS Y PCM-FJX45 |
| HMEBRA GIRATORIA CODO 90° JIC ASIENTO A 37° | M47592 | FC5503/1EAFJB | 13970/13971 /13978 | PCS Y PCM-FJX90 |
| BRIDA RECTA CODIGO 61 (SAE 3000) | M48310 | FJ9783 | 11570/11571 11573/11578 | PCM-FL |
| BRIDA CODO 45° CODIGO 61 (SAE 3000) | M48340 | FJ9789 | 11770/ 11771 11773/11778 | PCM-FL45 |
| BRIDA CODO 90° CODIGO 61 (SAE 3000) | M48390 | FJ9795 | 11970/ 11971/ 11973/11978 | PCM-FL90 |
| BRIDA RECTA CODIGO 62 (SAE 6000) | M48610 | FC5325/FJ9784 | 16A71/ 16A73 / 16A78 | PCM-FLH |
| BRIDA CODO 45° CODIGO 62 (SAE 6000) | M48640 | FC5327/FJ9790 | 16F71/16F73 / 16F78 | PCM-FLH45 |
| BRIDA CODO 90° CODIGO 62 (SAE 6000) | M48690 | FC5329/FJ9795 | 16N71 / 16N73 / 16N78 | PCM-FLH90 |

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