



CATÁLOGO

MANGUERAS Y CONEXIONES
INDUSTRIALES, HIDRÁULICAS Y AUTOMOTRICES



Con más de 30 años de experiencia, en Ferrulca apuntamos a convertirnos en referencia mundial de productos industriales innovadores, de la mejor calidad, con los mejores precios y el mejor tiempo de entrega.

Para alcanzar esta visión de futuro, respaldamos con pasión a nuestros clientes, comercializando productos industriales para el crecimiento y el fortalecimiento de sus negocios.

POLÍTICA DE GARANTÍA PARA TODOS NUESTROS PRODUCTOS

Fabricamos nuestros productos bajo altos estándares de calidad y cumplen con las certificaciones y procedimientos internacionales.

Nuestros productos están garantizados contra defectos de fabricación o de materia prima, reemplazamos cualquier producto que presente dichos defectos.

Esta garantía está sujeta a la aplicación correcta del producto según sus recomendaciones de uso, las cuales han sido probadas y diseñadas por el departamento de ingeniería y control de calidad de nuestra fábrica.

Todos los productos de goma tienen una vida limitada según su aplicación recomendada, es importante que el usuario utilice el producto correctamente en cuanto a su diámetro, presión, temperatura, material a conducir, etc., para que la garantía pueda ser aplicada.

El uso inapropiado de nuestros productos puede causar serios daños, muerte o destrucción.

Cualquier otra garantía expresada o implícita, daño directo o indirecto queda excluido de esta garantía.







INDUSTRIALES

- 06. **MANGUERAS INDUSTRIALES**
- 10. **CONEXIONES INDUSTRIALES**

HIDRÁULICAS

- 15. **MANGUERAS HIDRÁULICAS**
- 19. **PROTECTORES PARA MANGUERAS**
- 20. **CONEXIONES HIDRÁULICAS**
- 20. Vastagos/Fittings para mangueras SAE 100 R1, R2, R12
- 29. Vastagos/Fittings milimétricos para mangueras SAE 100 R1, R2, R12
- 32. Una pieza para mangueras SAE 100 R1, R2, R12
- 32. **ADAPTADORES HIDRÁULICOS**
- 39. Adaptadores hidráulicos y milimétricos
- 40. **FERRULES HIDRÁULICOS**

PVC / TPR

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- 47. **MANGUERAS AUTOMOTRICES**
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ABRAZADERAS

- 55. **ABRAZADERAS**



Clic en código QR
para más información.

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (PULG)	DIÁMETRO INTERNO (MM)	DIÁMETRO EXTERNO (MM)	PRESIÓN MÁX. DE TRABAJO (PSI)	PRESIÓN MÍN. DE RUPTURA (PSI)	ROLLO LARGO LINEAL (MTS)	ROLLO LARGO LINEAL (PIE)	PESO APROX. POR KILO / METRO	PESO APROX. POR LIBRA / PIE
  SERVICIOS GENERALES (AIRE Y AGUA)	ATI-025	1/4"	6.35	13	300	900	100	328.08	0.18	0.12
	ATI-031	5/16"	7.94	15	300	900	100	328.08	0.22	0.15
	ATI-038	3/8"	9.53	17	300	900	100	328.08	0.27	0.19
	ATI-050	1/2"	12.70	21	300	900	100	328.08	0.39	0.27
	ATI-062	5/8"	16.88	25	300	900	50	328.08	0.51	0.35
	ATI-075	3/4"	19.05	29	300	900	50	328.08	0.66	0.46
	ATI-100	1"	25.40	36	300	900	50	328.08	0.90	0.62
	ATI-125	1-1/4"	31.75	44	300	900	50	164.04	1.15	0.80
	ATI-150	1-1/2"	38.10	54	300	900	50	164.04	1.30	0.90
	ATI-200	2"	50.80	66	300	900	50	164.04	1.80	1.25
  ACEITE Y GASOLINA (TUBO Y CUBIERTA DE NITRILO)	GNI-018	3/16"	4.76	12	300	900	100	328.08	0.14	0.10
	GNI-025	1/4"	6.35	13	300	900	100	328.08	0.15	0.10
	GNI-031	5/16"	7.94	15	300	900	100	328.08	0.20	0.14
	GNI-038	3/8"	9.53	17	300	900	100	328.08	0.24	0.17
	GNI-043	7/8"	21.2	33.1	300	900	50	164.04	0.48	0.32
	GNI-050	1/2"	12.70	21	300	900	100	328.08	0.34	0.24
	GNI-062	5/8"	16.88	25	300	900	50	164.04	0.45	0.31
	GNI-075	3/4"	19.05	29	300	900	50	164.04	0.58	0.40
	GNI-100	1"	25.40	36	300	900	50	164.04	0.80	0.55
	GNI-125	1 1/4"	32	43	300	900	30	100	0.95	0.65
	GNI-150	1 1/2"	38	52	300	900	30	100	1.14	0.79
	GNI-200	2"	50	62	300	900	30	100	1.60	1.10
  MANGUERA DE SILICONA SAE J20 R3	SHH-031	5/16"	8	15.2	45	60	50	50	0.20	0.14
	SHH-038	3/8"	10	18.3	45	60	50	50	0.24	0.17
	SHH-050	1/2"	12	19.6	45	60	50	50	0.34	0.24
	SHH-055	9/16"	14	22.3	45	60	50	50		
	SHH-062	5/8"	16	25.6	45	60	50	50	0.45	0.31
	SHH-075	3/4"	19	29.4	45	60	50	50	0.58	0.40
	SHH-043	7/8"	22	32.2	45	60	50	50	0.48	0.32
	SHH-100	1"	25	39.2	45	60	50	50	0.80	0.55
	SHH-115	1-1/8"	28	44	45	60	50	50		
  DESCARGA DE AGUA	SHH-125	1-1/4"	32	49	45	60	50	50	0.95	0.65
	DAI-050	1/2"	12.70	21	300	900	50	328.08	0.34	0.24
	DAI-062	5/8"	16.88	25	300	900	50	328.08	0.45	0.31
	DAI-075	3/4"	19.05	29	300	900	50	328.08	0.58	0.40
	DAI-100	1"	25.40	36	300	900	50	328.08	0.80	0.55
  SOLDAR MOROCHA	SUI-025	1/4"	6.35	13	300	900	100	328.08	0.35	0.24
	SUI-031	5/16"	7.94	15	300	900	100	328.08	0.39	0.27

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (PULG)	DIÁMETRO INTERNO (MM)	DIÁMETRO EXTERNO (MM)	PRESIÓN MÁX. DE TRABAJO (PSI)	PRESIÓN MÍN. DE RUPTURA (PSI)	ROLLO LARGO LINEAL (MTS)	ROLLO LARGO LINEAL (PIE)	PESO APROX. POR KILO / METRO	PESO APROX. POR LIBRA / PIE
  USOS MÚLTIPLES TRABAJO PESADO DESCARGA DE GASOLINA ACEITE, KEROSENE	UMI-050	1/2"	12.70	20.5	300	900	50	200.13	0.55	0.38
	UMI-062	5/8"	16.88	24	300	900	50	200.13	0.58	0.40
	UMI-075	3/4"	19.05	28	300	900	50	200.13	0.60	0.42
	UMI-100	1"	25.40	35	300	900	50	200.13	0.80	0.55
	UMI-125	1-1/4"	31.75	42	300	900	30	200.13	1.21	0.84
	UMI-150	1-1/2"	38.10	50	300	900	30	200.13	1.37	0.95
	UMI-200	2"	50.80	63	300	900	30	200.13	2.04	1.41
	UMI-300	3"	76.20	88	300	900	30	200.13	3.21	2.22

  JACKHAMMER COMPRESOR DE AIRE	JAI-075	3/4"	19.05	28	500	1500	50	200.13	0.64	0.44
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  FRENO DE AIRE (J1402)	FAI-038	3/8"	9.53	19	225	675	50	328.08	0.31	0.21
	FAI-050	1/2"	12.70	22	225	675	50	328.08	0.43	0.30

  GASOLINA ESTACIÓN SERVICIO 1 MALLA DE ACERO (HARDWALL)	GEI-075	3/4"	19.05	28	232	696	50	200.13	0.64	0.44
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  GAS LÍQUIDO PROPANO (LPG) PINPRICKING	LPI-038	3/8"	9.53	18.3	350	1050	100	328.08	0.31	0.21
	LPI-050	1/2"	12.70	23.1	350	1050	100	328.08	0.43	0.30
	LPI-075	3/4"	19.05	30.5	350	1050	100	328.08	0.60	0.42

  DESCARGA DE AGUA CUBIERTA ENVUELTA	DAI-150	1-1/2"	38.10	47	150	450	30	98.43	0.89	0.62
	DAI-200	2"	50.80	60	150	450	30	98.43	1.25	0.87
	DAI-250	2-1/2"	63.50	73	150	450	30	98.43	1.35	0.93
	DAI-300	3"	76.20	87	150	450	30	98.43	1.67	1.16
	DAI-400	4"	101.60	114	150	450	30	98.43	1.86	1.29
	DAI-500	5"	127.00	141	150	450	20	65.62	3.41	2.36
	DAI-600	6"	152.40	166	150	450	20	65.62	5.13	3.55

  SUCCIÓN DE AGUA CUBIERTA ENVUELTA	SAI-150	1-1/2"	38.10	51	150	450	40	131.23	1.19	0.82
	SAI-200	2"	50.80	65	150	450	40	131.23	1.73	1.20
	SAI-250	2-1/2"	63.50	79	150	450	40	131.23	2.60	1.80
	SAI-300	3"	76.20	91	150	450	40	131.23	3.93	2.72
	SAI-400	4"	101.60	119	150	450	40	131.23	5.12	3.55
	SAI-600	6"	152.40	170	150	450	7.62	25.00	8.56	5.93

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (PULG)	DIÁMETRO INTERNO (MM)	DIÁMETRO EXTERNO (MM)	PRESIÓN MÁX. DE TRABAJO (PSI)	PRESIÓN MÍN. DE RUPTURA (PSI)	ROLLO LARGO LINEAL (MTS)	ROLLO LARGO LINEAL (PIE)	PESO APROX. POR KILO / METRO	PESO APROX. POR LIBRA / PIE
 SUCCIÓN DE AGUA CUBIERTA CORRUGADA	SAC-150	1-1/2"	38.10	53	150	450	40	131.23	1.15	0.80
	SAC-200	2"	50.80	66	150	450	40	131.23	1.47	1.02
	SAC-250	2-1/2"	63.50	78	150	450	40	131.23	2.00	1.39
	SAC-300	3"	76.20	92	150	450	40	131.23	2.62	1.81
	SAC-400	4"	101.60	120	150	450	40	131.23	3.41	2.36
	SAC-600	6"	152.40	174	150	450	7.62	25.00	6.50	4.50
 DESCARGA DE GASOLINA	DGI-150	1-1/2"	38.10	50	150	450	30	98.43	0.89	0.62
	DGI-200	2"	50.80	63	150	450	30	98.43	1.25	0.87
	DGI-250	2-1/2"	63.50	76	150	450	30	98.43	1.35	0.93
	DGI-300	3"	76.20	90	150	450	30	98.43	1.67	1.16
	DGI-400	4"	101.60	116	150	450	30	98.43	1.86	1.29
	DGI-600	6"	152.40	168	150	450	20	65.62	5.13	3.55
 SUCCIÓN DE GASOLINA CUBIERTA ENVUELTA (VACUUM TRUCK)	DGI-800	8"	203.20	220	150	450	20	65.62	6.40	4.43
	SGI-150	1-1/2"	38.10	51	150	450	40	131.23	1.19	0.82
	SGI-200	2"	50.80	65	150	450	40	131.23	1.73	1.20
	SGI-250	2-1/2"	63.50	79	150	450	40	131.23	2.60	1.80
	SGI-300	3"	76.20	91	150	450	40	131.23	3.93	2.72
	SGI-400	4"	101.60	121	150	450	40	131.23	5.12	3.55
 SUCCIÓN DE GASOLINA CUBIERTA CORRUGADA	SGI-600	6"	152.40	170	150	450	7.62	25.00	8.56	5.93
	SGI-800	8"	203.20	228	150	450	7.62	25.00	9.81	6.79
	SGC-150	1-1/2"	38.10	54	150	450	40	131.23	1.40	0.97
	SGC-200	2"	50.80	67	150	450	40	131.23	1.90	1.32
	SGC-250	2-1/2"	63.50	80	150	450	40	131.23	2.40	1.66
	SGC-300	3"	76.20	93	150	450	40	131.23	2.90	2.01
 CHORRO DE ARENA	SGC-400	4"	101.60	121	150	450	40	131.23	4.70	3.25
	SGC-600	6"	152.40	174	150	450	7.62	25.00	7.30	5.06
	SGC-800	8"	203.20	228	150	450	7.62	25.00	10.80	7.48
	CAI-050	1/2"	12.70	25	145	435	50	98.43	0.80	0.55
	CAI-075	3/4"	19.05	31	145	435	50	98.43	0.92	0.64
	CAI-100	1"	25.40	37	145	435	50	98.43	1.19	0.82
 DESC. CEMENTO SECO	CAI-125	1-1/4"	31.75	46	145	435	30	98.43	1.55	1.07
	CAI-150	1-1/2"	38.10	53	145	435	30	98.43	1.86	1.29
	CAI-200	2"	50.80	67	145	435	30	98.43	2.16	1.50
	CSI-300	3"	76.20	90	150	450	30	98.43	2.90	2.01
	CSI-400	4"	101.60	118	150	450	30	98.43	3.60	2.49
 SUCCIÓN AIRE CALIENTE	HAI-300	3"	76.20	90	50	200	30	98.43	2.70	1.87
	HAI-400	4"	101.60	119	50	200	30	98.43	4.00	2.77

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (PULG)	DIÁMETRO INTERNO (MM)	DIÁMETRO EXTERNO (MM)	PRESIÓN MÁX. DE TRABAJO (PSI)	PRESIÓN MÍN. DE RUPTURA (PSI)	ROLLO LARGO LINEAL (MTS)	ROLLO LARGO LINEAL (PIE)	PESO APROX. POR KILO / METRO	PESO APROX. POR LIBRA / PIE
  SUCCIÓN DE QUÍMICOS (XLPE)	SQI-075	3/4"	19.05	31	150	928	30	98.43	0.65	0.45
	SQI-100	1"	25.40	37	150	928	30	98.43	0.80	0.55
	SQI-125	1-1/4"	31.75	44	150	928	30	98.43	1.00	0.69
	SQI-150	1-1/2"	38.10	51	150	928	30	98.43	1.14	0.79
	SQI-200	2"	50.80	64	150	928	30	98.43	1.71	1.18
	SQI-300	3"	76.20	91	150	928	30	98.43	2.67	1.85
	SQI-400	4"	101.60	118	150	928	30	98.43	3.62	2.51
  CONCRETO PROYECTADO	CPI-200	2"	51	68	1.235	3.705	20	65.62	3.00	2.08
	CPI-250	2 1/2"	64	85	1.235	3.705	20	65.62	5.00	3.47
	CPI-300	3"	76	98	1.235	3.705	20	65.62	6.50	4.51
	CPI-400	4"	102	127	1.235	3.705	20	65.62	8.90	6.18
	CPI-500	5"	127.00	152	1.235	3.705	20	65.62	11.10	7.71
	CPI-600	6"	152.00	183	1.235	3.705	20	65.62	15.10	10.49
  RECTA DE RADIADOR	RRI-050	1/2"	12.70	23	50	150	1	3.28	0.32	0.22
	RRI-062	5/8"	16.88	26	50	150	1	3.28	0.35	0.24
	RRI-075	3/4"	19.05	29	50	150	1	3.28	0.37	0.26
	RRI-087	7/8"	22.23	32	50	150	1	3.28	0.42	0.29
	RRI-100	1"	25.40	37	50	150	1	3.28	0.47	0.32
	RRI-112	1 1/8"	28.58	40	50	150	1	3.28	0.51	0.35
	RRI-125	1 1/4"	31.75	46	50	150	1	3.28	0.55	0.38
	RRI-138	1 3/8"	34.93	49	50	150	1	3.28	0.57	0.40
	RRI-150	1 1/2"	38.10	51	50	150	1	3.28	0.62	0.43
	RRI-162	1 5/8"	41.28	56	50	150	1	3.28	0.85	0.59
	RRI-175	1 3/4"	44.45	59	50	150	1	3.28	0.99	0.69
	RRI-187	1 7/8"	47.63	63	50	150	1	3.28	0.93	0.64
	RRI-200	2"	50.80	65	50	150	1	3.28	1.11	0.77
	RRI-212	2 1/8"	53.98	69	50	150	1	3.28	1.19	0.82
	RRI-225	2 1/4"	57.15	72	50	150	1	3.28	1.23	0.85
	RRI-238	2 3/8"	60.33	75	50	150	1	3.28	1.28	0.89
	RRI-250	2 1/2"	63.50	78	50	150	1	3.28	1.34	0.93
	RRI-262	2 5/8"	66.68	82	50	150	1	3.28	1.39	0.96
	RRI-275	2 3/4"	69.85	86	50	150	1	3.28	1.44	1.00
	RRI-287	2 7/8"	73.03	89	50	150	1	3.28	1.50	1.04
	RRI-300	3"	76.20	92	50	150	1	3.28	1.56	1.08
	RRI-312	3 1/8"	79.38	98	50	150	1	3.28	1.65	1.14
	RRI-325	3 1/4"	82.55	101	50	150	1	3.28	1.84	1.27
	RRI-350	3 1/2"	88.90	107	50	150	1	3.28	2.02	1.40
	RRI-362	3 5/8"	92.08	110	50	150	1	3.28	2.14	1.48
	RRI-400	4"	101.60	120	50	150	1	3.28	2.26	1.57
	RRI-450	4 1/2"	114.30	133	50	150	1	3.28	2.48	1.72
	RRI-500	5"	127.00	147	50	150	1	3.28	2.73	1.89
	RRI-600	6"	152.40	172	50	150	1	3.28	2.95	2.04

TIPO DE CONEXIÓN	MEDIDA	CÓDIGO ALUMINIO	CAJA	CÓDIGO ACERO INOXIDABLE	CAJA	CÓDIGO BRONCE	CAJA	CÓDIGO POLIPROPILENO	CAJA
  PARTE A	1/2"	QAAI-050	300	QSAI-050	300	QBAI-050	300	QPAI-050	300
	3/4"	QAAI-075	200	QSAI-075	200	QBAI-075	200	QPAI-075	200
	1"	QAAI-100	150	QSAI-100	150	QBAI-100	150	QPAI-100	150
	1-1/4"	QAAI-125	100	QSAI-125	100	QBAI-125	100	QPAI-125	100
	1-1/2"	QAAI-150	210	QSAI-150	72	QBAI-150	72	QPAI-150	210
	2"	QAAI-200	125	QSAI-200	50	QBAI-200	50	QPAI-200	125
	2-1/2"	QAAI-250	50	QSAI-250	50	QBAI-250	50	QPAI-250	50
	3"	QAAI-300	60	QSAI-300	20	QBAI-300	20	QPAI-300	52
	4"	QAAI-400	30	QSAI-400	10	QBAI-400	10	QPAI-400	24
  PARTE B	1/2"	QBBI-050	200	QSBI-050	200	QBBI-050	200	QPBI-050	200
	3/4"	QBBI-075	150	QSBI-075	150	QBBI-075	150	QPBI-075	150
	1"	QBBI-100	100	QSBI-100	100	QBBI-100	100	QPBI-100	100
	1-1/4"	QBBI-125	75	QSBI-125	75	QBBI-125	75	QPBI-125	75
	1-1/2"	QBBI-150	120	QSBI-150	50	QBBI-150	50	QPBI-150	133
	2"	QBBI-200	80	QSBI-200	32	QBBI-200	32	QPBI-200	96
	2-1/2"	QBBI-250	50	QSBI-250	50	QBBI-250	50	QPBI-250	50
	3"	QBBI-300	30	QSBI-300	18	QBBI-300	10	QPBI-300	45
	4"	QBBI-400	20	QSBI-400	10	QBBI-400	10	QPBI-400	24
  PARTE C	1/2"	QACI-050	150	QSCI-050	150	QBCI-050	150	QPCI-050	150
	3/4"	QACI-075	100	QSCI-075	100	QBCI-075	100	QPCI-075	100
	1"	QACI-100	100	QSCI-100	100	QBCI-100	100	QPCI-100	100
	1-1/4"	QACI-125	75	QSCI-125	75	QBCI-125	75	QPCI-125	75
	1-1/2"	QACI-150	80	QSCI-150	36	QBCI-150	36	QPCI-150	100
	2"	QACI-200	60	QSCI-200	20	QBCI-200	20	QPCI-200	64
	2-1/2"	QACI-250	30	QSCI-250	30	QBCI-250	30	QPCI-250	30
	3"	QACI-300	25	QSCI-300	10	QBCI-300	18	QPCI-300	27
	4"	QACI-400	12	QSCI-400	5	QBCI-400	5	QPCI-400	12
  PARTE D	1/2"	QADI-050	200	QSDI-050	200	QBDI-050	200	QPDI-050	200
	3/4"	QADI-075	150	QSDI-075	150	QBDI-075	150	QPDI-075	150
	1"	QADI-100	100	QSDI-100	100	QBDI-100	100	QPDI-100	100
	1-1/4"	QADI-125	75	QSDI-125	75	QBDI-125	75	QPDI-125	75
	1-1/2"	QADI-150	120	QSDI-150	50	QBDI-150	50	QPDI-150	100
	2"	QADI-200	80	QSDI-200	32	QBDI-200	32	QPDI-200	64
	2-1/2"	QADI-250	30	QSDI-250	30	QBDI-250	30	QPDI-250	30
	3"	QADI-300	30	QSDI-300	18	QBDI-300	14	QPDI-300	36
	4"	QADI-400	20	QSDI-400	10	QBDI-400	10	QPDI-400	18
  PARTE E	1/2"	QAEI-050	200	QSEI-050	200	QBEI-050	200	QPEI-050	200
	3/4"	QAEI-075	140	QSEI-075	140	QBEI-075	140	QPEI-075	140
	1"	QAEI-100	140	QSEI-100	140	QBEI-100	140	QPEI-100	140
	1-1/4"	QAEI-125	100	QSEI-125	100	QBEI-125	100	QPEI-125	100
	1-1/2"	QAEI-150	125	QSEI-150	50	QBEI-150	50	QPEI-150	168
	2"	QAEI-200	80	QSEI-200	30	QBEI-200	30	QPEI-200	90
	2-1/2"	QAEI-250	40	QSEI-250	40	QBEI-250	40	QPEI-250	40
	3"	QAEI-300	30	QSEI-300	14	QBEI-300	20	QPEI-300	32
	4"	QAEI-400	16	QSEI-400	7	QBEI-400	7	QPEI-400	15
	6"	QAEI-600	4	QSEI-600	2	QBEI-600	2	QPEI-600	

TIPO DE CONEXIÓN	MEDIDA	CÓDIGO ALUMINIO	CAJA	CÓDIGO ACERO INOXIDABLE	CAJA	CÓDIGO BRONCE	CAJA	CÓDIGO POLIPROPILENO	CAJA
  PARTE F	1/2"	QAFI-050	200	QSFI-050	200	QBFI-050	200	QPFI-050	200
	3/4"	QAFI-075	150	QSFI-075	150	QBFI-075	150	QPFI-075	150
	1"	QAFI-100	100	QSFI-100	100	QBFI-100	100	QPFI-100	100
	1-1/4"	QAFI-125	120	QSFI-125	120	QBFI-125	120	QPFI-125	120
	1-1/2"	QAFI-150	150	QSFI-150	72	QBFI-150	72	QPFI-150	180
	2"	QAFI-200	100	QSFI-200	50	QBFI-200	50	QPFI-200	100
	2-1/2"	QAFI-250	50	QSFI-250	50	QBFI-250	50	QPFI-250	50
	3"	QAFI-300	40	QSFI-300	20	QBFI-300	20	QPFI-300	36
	4"	QAFI-400	18	QSFI-400	10	QBFI-400	10	QPFI-400	24
  PARTE DC	6"	QAFI-600	10	QSFI-600	4	QBFI-600	4	QPFI-600	
	1/2"	QADCI-050	200	QSDCI-050	200	QBDCI-050	200	QPDCI-050	200
	3/4"	QADCI-075	150	QSDCI-075	150	QBDCI-075	150	QPDCI-075	150
	1"	QADCI-100	100	QSDCI-100	100	QBDCI-100	100	QPDCI-100	100
	1-1/4"	QADCI-125	120	QSDCI-125	120	QBDCI-125	120	QPDCI-125	120
	1-1/2"	QADCI-150	125	QSDCI-150	50	QBDCI-150	50	QPDCI-150	140
	2"	QADCI-200	100	QSDCI-200	40	QBDCI-200	40	QPDCI-200	96
	2-1/2"	QADCI-250	50	QSDCI-250	50	QBDCI-250	50	QPDCI-250	50
	3"	QADCI-300	40	QSDCI-300	15	QBDCI-300	15	QPDCI-300	45
  PARTE DP	4"	QADCI-400	30	QSDCI-400	10	QBDCI-400	10	QPDCI-400	26
	6"	QADCI-600	10	QSDCI-600	4	QBDCI-600	4	QPDCI-600	
	1/2"	QADPI-050	500	QSDPI-050	500	QBDPI-050	500	QPDPI-050	500
	3/4"	QADPI-075	300	QSDPI-075	300	QBDPI-075	300	QPDPI-075	300
	1"	QADPI-100	300	QSDPI-100	300	QBDPI-100	300	QPDPI-100	300
	1-1/4"	QADPI-125	300	QSDPI-125	300	QBDPI-125	300	QPDPI-125	300
	1-1/2"	QADPI-150	250	QSDPI-150	100	QBDPI-150	100	QPDPI-150	300
	2"	QADPI-200	180	QSDPI-200	60	QBDPI-200	60	QPDPI-200	216
	2-1/2"	QADPI-250	100	QSDPI-250	100	QBDPI-250	100	QPDPI-250	100
	3"	QADPI-300	75	QSDPI-300	36	QBDPI-300	36	QPDPI-300	87
	4"	QADPI-400	45	QSDPI-400	12	QBDPI-400	12	QPDPI-400	45
	6"	QADPI-600	20	QSDPI-600	10	QBDPI-600	10	QPDPI-600	

*Imágenes de referencia

TIPO DE CONEXIÓN	CÓDIGO	MEDIDA	CAJA
  EMPACADURA	QGI-050	1/2"	100
	QGI-075	3/4"	100
	QGI-100	1"	100
	QGI-125	1-1/4"	100
	QGI-150	1-1/2"	200
	QGI-200	2"	200
	QGI-250	2-1/2"	200
	QGI-300	3"	200
	QGI-400	4"	100
	QGI-600	6"	100

  EMPACADURA RÁPIDA PARA AIRE	ERI-001	1/2"-3/4"-1"	500
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  TERMINAL RÁPIDO	TRI-050	1/2"	120
	TRI-075	3/4"	100
	TRI-100	1"	80

  MACHO RÁPIDO	MRI-050	1/2"	120
	MRI-075	3/4"	100
	MRI-100	1"	80

  HEMBRA RÁPIDA	HRI-050	1/2"	150
	HRI-075	3/4"	120
	HRI-100	1"	100

TIPO DE CONEXIÓN	CÓDIGO	MEDIDA	CAJA
  TAPÓN RÁPIDO	SRI-050	1/2"	120
	SRI-075	3/4"	120
	SRI-100	1"	120

  HEMBRA	HCI-075	3/4"	100
	HCI-100	1"	80
	HCI-125	1-1/4"	20
	HCI-150	1-1/2"	10

  CONEXIÓN	CCI-075	3/4"	100
	CCI-100	1"	80
	CCI-125	1-1/4"	20
	CCI-150	1-1/2"	10

  PORTA PICO	PZI-075	3/4"	100
	PZI-100	1"	80
	PZI-125	1-1/4"	20
	PZI-150	1-1/2"	10

  NIPLE COMBINADO	NCI-050	1/2"	450
	NCI-075	3/4"	200
	NCI-100	1"	128
	NCI-125	1-1/4"	100
	NCI-150	1-1/2"	50
	NCI-200	2"	50
	NCI-250	2-1/2"	36
	NCI-300	3"	25
	NCI-400	4"	16
	NCI-500	5"	12
	NCI-600	6"	4
	NCI-800	8"	2
	NCI-10	10"	1
	NCI-12	12"	1

TIPO DE CONEXIÓN	CÓDIGO	MEDIDA	CAJA
 	HMI-050	1/2"	650
	HMI-075	3/4"	250
	HMI-100	1"	170
	HMI-125	1-1/4"	100
	HMI-150	1-1/2"	80
	HMI-200	2"	50
	HMI-250	2-1/2"	36
	HMI-300	3"	25
	HMI-400	4"	16
	HMI-500	5"	10
	HMI-600	6"	4
	HMI-800	8"	2
	HMI-10	10"	1

UNIÓN HOSE MENDER

 	FII-150	1 1/2"	20
	FII-200	2"	18
	FII-300	3"	12
	FII-400	4"	8
	FII-600	6"	4

FERRUL INDUSTRIAL

 	AJI-050	1/2"	50
	AJI-075	3/4"	50
	AJI-100	1"	50

ABRAZADERA INDUSTRIAL
2 TORNILLOS

 	ABI-125	1-1/4"	20
	ABI-150	1-1/2"	20
	ABI-200	2"	20

ABRAZADERA INDUSTRIAL
4 TORNILLOS

 	ABI-400	4"	1
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ABRAZADERA INDUSTRIAL
6 TORNILLOS

TIPO DE CONEXIÓN	CÓDIGO	MEDIDA	CAJA
 	FVI-150	1 1/2"	8
	FVI-200	2"	6
	FVI-300	3"	4
	FVI-400	4"	2
	FVI-600	6"	1
	FVI-800	8"	1

VÁLVULA

 	SVI-125	1 1/4"	16
	SVI-150	1 1/2"	16
	SVI-200	2"	18
	SVI-250	2 1/2"	18
	SVI-300	3"	8
	SVI-400	4"	8
	SVI-600	6"	1
	SVI-800	8"	1

FILTRO

 	HBI-125	1-1/4"	15
	HBI-150	1-1/2"	10
	HBI-200	2"	8

HEMBRA BOSS

 	MBI-125	1-1/4"	30
	MBI-150	1-1/2"	25
	MBI-200	2"	20

MACHO BOSS

 	ARIH-025	1/4"	200
	ARIH-038	3/8"	200
	ARIH-050	1/2"	150

ACOPLE RÁPIDO
AIRE-HEMBRA

 	ARIM-025	1/4"	200
	ARIM-038	3/8"	200
	ARIM-050	1/2"	150

ACOPLE RÁPIDO
AIRE-MACHO

 	CRIH-025	1/4"	400
	CRIH-038	3/8"	400
	CRIH-050	1/2"	200

CONECTOR RÁPIDO
AIRE-HEMBRA

TIPO DE CONEXIÓN	CÓDIGO	MEDIDA	CAJA
  CONECTOR RÁPIDO AIRE-MACHO	CRIM-025	1/4"	400
	CRIM-038	3/8"	400
	CRIM-050	1/2"	200
  KING SHANK	KSI-150	1 1/2"	50
	KSI-200	2"	50
	KSI-300	3"	18
	KSI-400	4"	9
	KSI-600	6"	1
  FLEJE ACERO INOXIDABLE	BAI-025	1/4"	1
	BAI-038	3/8"	1
	BAI-050	1/2"	1
	BAI-062	5/8"	1
	BAI-075	3/4"	1
  GRAPA ACERO INOXIDABLE	STI-025	1/4"	200
	STI-038	3/8"	200
	STI-050	1/2"	100
	STI-062	5/8"	100
	STI-075	3/4"	50
  FLEJADORA	SMI-00		1
  CONEXIÓN BAUER	CBI-200	2"	50
	CBI-300	3"	25
	CBI-400	4"	16
	CBI-600	6"	4
	CBI-800	8"	2
	CBI-10	10"	1
	CBI-12	12"	1

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (PULG)	DIÁMETRO INTERNO (MM)	DIÁMETRO EXTERNO (MM)	PRESIÓN MÁX. DE TRABAJO (PSI)	PRESIÓN MÍN. DE RUPTURA (PSI)	ROLLO LARGO LINEAL (MTS)	ROLLO LARGO LINEAL (PIE)	PESO APROX. POR KILO / METRO	PESO APROX. POR LIBRA / PIE
  SAE 100 R1 AT DIN/EN 853 1SN	100R1-03	3/16"	4.76	12.5	3.630	14.520	100	328.08	0.19	0.13
	100R1-04	1/4"	6.35	14.1	3.270	13.080	50	328.00	0.23	0.16
	100R1-05	5/16"	7.94	15.7	3.120	12.480	50	328.00	0.27	0.19
	100R1-06	3/8"	9.53	18.1	2.610	10.440	50	328.00	0.34	0.24
	100R1-08	1/2"	12.70	21.4	2.320	9.280	50	328.00	0.43	0.30
	100R1-10	5/8"	16.88	24.5	1.890	7.560	50	196.80	0.51	0.35
	100R1-12	3/4"	19.05	28.5	1.530	6.120	50	196.80	0.66	0.46
	100R1-16	1"	25.40	36.6	1.280	5.120	50	196.80	1.00	0.69
	100R1-20	1 1/4"	31.75	44.8	920	3.680	20	131.20	1.35	0.93
	100R1-24	1 1/2"	38.10	52.1	730	2.920	20	131.20	1.56	1.08
  SAE 100 R2 AT DIN/EN 853 2SN	100R1-32	2"	50.80	65.5	580	2.320	20	65.60	2.20	1.52
	100R2-03	3/16"	4.76	14.1	6,019	24,040	100	328.00	0.27	0.19
	100R2-04	1/4"	6.35	15.7	5.800	23.200	50	328.00	0.34	0.24
	100R2-05	5/16"	7.94	17.3	5.250	21.000	50	328.00	0.39	0.27
	100R2-06	3/8"	9.53	19.7	4.800	19.200	50	328.00	0.49	0.34
	100R2-08	1/2"	12.70	23	4.000	16.000	50	328.00	0.59	0.41
	100R2-10	5/8"	16.88	26.2	3.630	14.520	50	196.80	0.71	0.49
	100R2-12	3/4"	19.05	30.1	3.120	12.480	50	196.80	0.89	0.62
	100R2-16	1"	25.40	38.9	2.400	9.600	50	196.80	1.37	0.95
	100R2-20	1 1/4"	31.75	49.5	1.820	7.280	20	131.20	2.27	1.57
  SAE 100 R12 EN 856	100R2-24	1 1/2"	38.10	55.9	1.310	5.240	20	131.20	2.44	1.69
	100R2-32	2"	50.80	68.6	1.160	4.640	20	65.60	3.00	2.08
	100R12-06	3/8"	9.53	21	4,061	16,000	20	164.00	0.59	0.41
	100R12-08	1/2"	12.70	24.6	4,061	16,000	20	164.00	0.77	0.53
	100R12-10	5/8"	16.88	28.2	4,061	16,000	20	164.00	1.04	0.72
	100R12-12	3/4"	19.05	31.5	4,061	16,000	20	131.20	1.20	0.83
	100R12-16	1"	25.40	39.2	4,061	16,000	20	131.20	1.79	1.24
	100R12-20	1 1/4"	31.75	48.6	3,045	12,000	20	131.20	2.53	1.75
  SAE 100 R13 EN 856	100R12-24	1 1/2"	38.10	55	2,538	10,000	20	131.20	3.05	2.11
	100R12-32	2"	50.80	68.3	2,538	10,000	20	65.60	4.19	2.90
	100R13-12	3/4"	19.05	33.2	5,076	20,000	50	131.20	1.62	1.12
	100R13-16	1"	25.40	39.8	5,076	20,000	50	131.20	2.12	1.47
	100R13-20	1 1/4"	31.75	51.3	5,076	20,000	20	131.20	4.01	2.78
  SAE 100 R14 (PTFE)	100R13-24	1 1/2"	38.10	58.8	5,076	20,000	20	131.20	4.99	3.46
	100R13-32	2"	50.80	72.7	5,076	20,000	20	65.60	7.33	5.08
	100R14-02	1/8"	2.8-3.8	6.2	1,530	6,120	50	328.00	0.07	0.05
	100R14-03	3/16"	4.4-5.2	7.7	1,530	6,120	50	328.00	0.10	0.07
	100R14-04	1/4"	6.0-6.5	9.3	1,530	6,120	50	328.00	0.12	0.08
	100R14-05	5/16"	7.5-8.4	10.8	1,530	6,120	50	328.00	0.16	0.11
	100R14-06	3/8"	9.1-10.0	12.7	1,530	6,120	50	328.00	0.17	0.12
	100R14-08	1/2"	12.3-13.3	16.3	820	3,280	50	328.00	0.24	0.17
	100R14-10	5/8"	15.3-16.5	19.3	820	3,280	50	328.00	0.28	0.19
	100R14-12	3/4"	18.4-19.6	22.3	820	3,280	50	164.00	0.33	0.23
	100R14-14	7/8"	21.4-23.0	25.8	820	3,280	50	164.00	0.39	0.27
	100R14-16	1"	24.6-26.2	29.8	820	3,280	50	164.00	0.46	0.32

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (PULG)	DIÁMETRO INTERNO (MM)	DIÁMETRO EXTERNO (MM)	PRESIÓN MÁX. DE TRABAJO (PSI)	PRESIÓN MÍN. DE RUPTURA (PSI)	ROLLO LARGO LINEAL (MTS)	ROLLO LARGO LINEAL (PIE)	PESO APROX. POR KILO / METRO	PESO APROX. POR LIBRA / PIE
  SAE 100 R15	100R15-12	3/4"	19.00	36.1	6.000	24.000	20	131.20	1.62	1.12
	100R15-16	1"	25.40	42.9	6.000	24.000	20	131.20	2.18	1.51
	100R15-20	1 1/4"	31.80	51.5	6.000	24.000	20	131.20	3.58	2.48
	100R15-24	1 1/2"	38.10	59.6	6.000	24.000	20	131.20	4.50	3.12
	100R15-32	2"	50.80	70.2	6.000	24.000	20	65.60	5.70	3.95
  SAE 100 R16	100R16-04	1/4"	6.20	14.5	5.000	20.000	50	164.00	0.27	0.19
	100R16-05	5/16"	7.70	15.7	6.000	17.200	50	164.00	0.35	0.24
	100R16-06	3/8"	9.30	18.8	4.000	16.000	50	164.00	0.42	0.29
	100R16-08	1/2"	12.30	22	3.500	14.000	50	164.00	0.52	0.36
	100R16-10	5/8"	15.50	25.4	2.750	11.000	50	164.00	0.63	0.44
	100R16-12	3/4"	18.60	29	2.250	9.000	50	164.00	0.81	0.56
	100R16-16	1"	25.00	36.6	2.000	8.000	50	164.00	1.17	0.81
  SAE 100 R17 CUBIERTA LISA	100R17-04	1/4"	6.20	13.2	3.260	13.040	50	164.00	0.20	0.14
	100R17-05	5/16"	7.70	15	3.250	13.000	50	164.00	0.23	0.16
	100R17-06	3/8"	9.30	17	3.000	12.000	50	164.00	0.29	0.20
	100R17-08	1/2"	12.30	21.1	3.000	12.000	50	164.00	0.38	0.26
	100R17-10	5/8"	15.50	25.9	3.625	14.500	50	164.00	0.64	0.44
	100R17-12	3/4"	18.60	30.3	3.120	12.480	50	164.00	0.80	0.55
	100R17-16	1"	25.00	38.6	3.000	12.000	50	164.00	1.28	0.89
  EN 456 4SH	4SH-12	3/4"	19.00	33	6.000	24.000	20	131.20	1.62	1.12
	4SH-16	1"	25.40	39.9	5.500	22.000	20	131.20	2.12	1.47
	4SH-20	1 1/4"	31.80	47.1	4.700	18.800	20	131.20	2.55	1.77
	4SH-24	1 1/2"	38.10	55.1	4.200	16.800	20	131.20	3.26	2.26
	4SH-32	2"	50.80	69.7	3.600	14.400	20	65.60	4.92	3.41
  EN 456 4SP	4SP-06	3/8"	9.50	22.2	6.450	25.800	20	164.00	0.76	0.53
	4SP-08	1/2"	12.70	25.4	6.450	25.800	20	164.00	0.88	0.61
	4SP-10	5/8"	15.90	29.0	5.000	20.000	20	164.00	1.10	0.76
	4SP-12	3/4"	19.00	33.0	5.080	20.320	20	131.20	1.47	1.02
	4SP-16	1"	25.40	40.9	4.070	16.280	20	131.20	1.98	1.37
	4SP-20	1 1/4"	31.80	52.4	3.050	12.200	20	131.20	2.55	1.77
	4SP-24	1 1/2"	38.10	58.8	2.683	10.732	20	131.20	3.26	2.26
  SAE 100 R3 EN 854 TYPE R3	100R3-03	3/16"	4.76	12.5	1,494	6,120	50	328.00	0.14	0.10
	100R3-04	1/4"	6.35	14.5	1,247	5,040	50	328.00	0.18	0.12
	100R3-05	5/16"	7.94	17.5	1,204	4,880	50	328.00	0.25	0.17
	100R3-06	3/8"	9.53	18.7	1,200	4,800	50	328.00	0.27	0.19
	100R3-08	1/2"	12.70	23.5	1,000	4,080	50	328.00	0.39	0.27
	100R3-10	5/8"	16.88	26.9	870	3,560	50	196.80	0.55	0.38
	100R3-12	3/4"	19.05	31.6	754	3,040	50	196.80	0.67	0.46
	100R3-16	1"	25.40	37.8	566	2,280	50	196.80	0.81	0.56
	100R3-20	1 1/4"	31.75	44	377	1,520	50	131.20	0.92	0.64
	100R3-24	1 1/2"	38.10	48.5	300	1,160	50	131.20	1.15	0.80

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (PULG)	DIÁMETRO INTERNO (MM)	DIÁMETRO EXTERNO (MM)	PRESIÓN MÁX. DE TRABAJO (PSI)	PRESIÓN MÍN. DE RUPTURA (PSI)	ROLLO LARGO LINEAL (MTS)	ROLLO LARGO LINEAL (PIE)	PESO APROX. POR KILO / METRO	PESO APROX. POR LIBRA / PIE
 SAE 100 R4 R4 SAE J517	100R4-12	3/4"	19.05	34	305	1,220	50	196.80	0.92	0.64
	100R4-16	1"	25.40	40	247	988	50	196.80	1.10	0.76
	100R4-20	1 1/4"	31.75	47	205	820	50	131.20	1.30	0.90
	100R4-24	1 1/2"	38.10	53	160	640	50	131.20	1.80	1.25
	100R4-32	2"	50.80	66	102	408	50	65.60	2.23	1.54
	100R4-40	2 1/2"	63.50	80	60	520	50	65.60	3.23	2.24
	100R4-48	3"	76.20	93	60	480	50	65.60	4.25	2.94
	100R4-56	3 1/2"	88.90	106	40	360	50	65.60	5.05	3.50
 SAE 100 R5	100R4-64	4"	101.60	120	40	280	50	65.60	5.60	3.88
	100R5-04	3/16"	4.76	13.2	3,002	12,000	50	328.00	0.21	0.15
	100R5-05	1/4"	6.35	15	3,002	12,000	50	328.00	0.27	0.18
	100R5-06	5/16"	7.94	17	2,250	9,000	50	328.00	0.34	0.23
	100R5-08	13/32"	10.32	19.5	2,000	8,000	50	328.00	0.39	0.27
	100R5-10	1/2"	12.70	23.5	1,750	7,000	50	328.00	0.53	0.36
	100R5-12	5/8"	16.88	27.5	1,500	6,000	50	196.80	0.65	0.45
	100R5-16	7/8"	22.23	31.5	800	3,200	50	196.80	0.64	0.44
	100R5-20	1 1/8"	28.58	38	630	2,520	30	131.20	0.91	0.63
	100R5-24	1 3/8"	34.93	44.5	500	2,000	30	131.20	1.00	0.69
	100R5-32	1 13/16"	46.04	56.4	350	1,400	30	131.20	1.48	1.02
 SAE 100 R6 EN 854 TYPE R6	100R5-40	2 3/8"	60.33	73	350	1,400	30	65.60	2.96	2.05
	100R5-48	3"	76.20	90.5	200	800	30	65.60	4.10	2.84
	100R6-03	3/16"	4.76	11.5	500	2,000	50	164.00	0.10	0.07
	100R6-04	1/4"	6.35	12.7	400	1,600	50	164.00	0.13	0.09
	100R6-05	5/16"	7.94	14.3	400	1,600	50	164.00	0.15	0.10
	100R6-06	3/8"	9.53	15.9	400	1,600	50	164.00	0.18	0.12
	100R6-08	1/2"	12.70	19.8	400	1,600	50	164.00	0.26	0.18
	100R6-10	5/8"	16.88	23	350	1,400	50	164.00	0.31	0.21
	100R6-12	3/4"	19.05	26.6	300	1,200	50	164.00	0.47	0.33
	100R6-16	1"	25.40	34.2	300	1,200	50	164.00	0.71	0.49
 SAE 100 R7 CUBIERTA NEGRA	100R6-20	1 1/4"	31.75	43.5	190	580	50	164.00	1.11	0.77
	100R6-24	1 1/2"	38.10	50	175	530	50	164.00	1.94	1.34
	100R6-32	2"	50.80	64.5	155	465	50	164.00	3.05	2.11
	100R7-02	1/8"	3.30	8.5	3,045	12,180	50	328.00	0.05	0.03
	100R7-03	3/16"	4.80	10.8	3,000	12,000	50	328.00	0.07	0.05
	100R7-04	1/4"	6.40	13	3,000	12,000	50	328.00	0.08	0.05
	100R7-05	5/16"	7.90	15.1	2,500	10,000	50	328.00	0.11	0.08
	100R7-06	3/8"	9.50	17	2,250	9,000	50	328.00	0.14	0.10
 SAE 100 R7 CUBIERTA NARANJA	100R7-08	1/2"	12.70	20.7	2,000	8,000	50	328.00	0.22	0.15
	100R7-12	3/4"	19.00	27.1	1,250	5,000	50	328.00	0.28	0.19
	100R7-16	1"	25.40	34	1,000	4,000	50	328.00	0.40	0.28
	100R7N-02	1/8"	3.30	8.5	2,500	10,000	100	328.00	0.05	0.03
	100R7N-03	3/16"	4.80	10.8	3,000	12,000	100	328.00	0.07	0.05
	100R7N-04	1/4"	6.40	13	3,000	12,000	100	328.00	0.08	0.05
	100R7N-05	5/16"	7.90	15.1	2,500	10,000	100	328.00	0.11	0.08
	100R7N-06	3/8"	9.50	17	2,250	9,000	100	328.00	0.14	0.10
	100R7N-08	1/2"	12.70	20.7	2,000	8,000	100	328.00	0.22	0.15
	100R7N-12	3/4"	19.00	27.1	1,250	5,000	50	328.00	0.28	0.19
	100R7N-16	1"	25.40	34	1,000	4,000	50	328.00	0.40	0.28

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (PULG)	DIÁMETRO INTERNO (MM)	DIÁMETRO EXTERNO (MM)	PRESIÓN MÁX. DE TRABAJO (PSI)	PRESIÓN MÍN. DE RUPTURA (PSI)	ROLLO LARGO LINEAL (MTS)	ROLLO LARGO LINEAL (PIE)	PESO APROX. POR KILO / METRO	PESO APROX. POR LIBRA / PIE
  R7 TWIN CUBIERTA NEGRA	100R7T-02	1/8"	3.30	8.5	2,500	10,000	100	328.00	0.05	0.03
	100R7T-03	3/16"	4.80	10.8	3,000	12,000	100	328.00	0.07	0.05
	100R7T-04	1/4"	6.40	13	3,000	12,000	100	328.00	0.09	0.06
	100R7T-05	5/16"	7.90	15.1	2,500	10,000	100	328.00	0.13	0.09
	100R7T-06	3/8"	9.50	17	2,250	9,000	100	328.00	0.16	0.11
	100R7T-08	1/2"	12.70	20.7	2,000	8,000	100	328.00	0.22	0.15
  R8	100R8-03	3/16"	4.80	13.1	5,000	20,000	50	328.00	0.12	0.08
	100R8-04	1/4"	6.40	15.9	5,000	20,000	50	328.00	0.17	0.12
	100R8-06	3/8"	9.50	19.4	4,000	16,000	50	328.00	0.22	0.15
	100R8-08	1/2"	12.70	22.7	3,500	14,000	50	328.00	0.30	0.21
  LIMPIEZA DE ALCANTARILLADO	LAN-08	1/2"	12.70	20.3	3,045	7,613	50	328.00	0.29	0.20
	LAN-10	5/8"	15.90	25.5	3,045	7,613	50	328.00	0.40	0.28
	LAN-12	3/4"	19.00	29.5	3,045	7,613	50	328.00	0.44	0.30
	LAN-16	1"	25.40	36.5	3,045	7,613	50	328.00	0.55	0.38
  SAE 100 R9	100R9-06	3/8"	9.50	22.2	4,500	18,000	50	164.00	0.70	0.48
	100R9-08	1/2"	12.70	25.4	4,070	16,280	50	164.00	0.83	0.57
	100R9-12	3/4"	19.00	32.2	3,050	12,200	40	131.20	1.30	0.90
	100R9-16	1"	25.40	40.9	3,050	12,200	40	131.20	1.70	1.18
	100R9-20	1"1/4	31.80	52.4	2,500	10,000	40	131.20	3.08	2.13
	100R9-24	1"1/2	38.10	58.7	2,030	8,120	40	131.20	4.30	2.98
	100R9-32	2"	50.80	73	2,030	8,120	20	65.60	5.63	3.90

TIPO DE PROTECTOR	CÓDIGO	MEDIDAS (MM) (D.I.)	DIÁMETRO DEL ALAMBRE DE ACERO	NÚMERO DE PARTE	LARGO POR PIEZA (MTS)
  ESPIRAL DE ACERO	PMAI-13	13.97	1.6	PMAI-13	1
	PMAI-28	28.5	2	PMAI-28	1
	PMAI-32	32.46	2.3	PMAI-32	1
	PMAI-40	40.08	2.3	PMAI-40	1
	PMAI-53	53.64	2.9	PMAI-53	1
  ESPIRAL DE POLIPROPILENO	PMPI-6	6		PMPI-6	2
	PMPI-8	8		PMPI-8	2
	PMPI-10	10		PMPI-10	2
	PMPI-12	12		PMPI-12	2
	PMPI-14	14		PMPI-14	2
	PMPI-16	16		PMPI-16	2
	PMPI-18	18		PMPI-18	2
	PMPI-21	21		PMPI-21	2
	PMPI-25	25		PMPI-25	2
	PMPI-28	28		PMPI-28	2
	PMPI-32	32		PMPI-32	2
	PMPI-35	35		PMPI-35	2
	PMPI-38	38		PMPI-38	2
	PMPI-42	42		PMPI-42	2
	PMPI-45	45		PMPI-45	2
	PMPI-51	51		PMPI-51	2
	PMPI-60	60		PMPI-60	2
	PMPI-102	102		PMPI-102	2
	PMPI-150	150		PMPI-150	2

CONEXIONES HIDRÁULICAS

VASTAGOS / FITTINGS PARA MANGUERAS SAE 100 R1, R2, R12

TIPO DE CONEXIÓN	CÓDIGO	MEDIDAS	ROSCA HILOS	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
 MACHO NPT NPT MALE	04-102	1/4" X 1/8"	1/8" - 27	15611-02-04	500
	04-104	1/4" X 1/4"	1/4" - 18	15611-04-04	500
	04-106	1/4" X 3/8"	3/8" - 18	15611-06-04	300
	05-104	5/16" X 1/4"	1/4" - 18	15611-04-05	300
	05-106	5/16" X 3/8"	3/4" - 18	15611-06-05	300
	06-104	3/8" X 1/4"	3/8" - 19	15611-04-06	300
	06-106	3/8" X 3/8"	3/8" - 18	15611-06-06	400
	06-108	3/8" X 1/2"	1/2" - 14	15611-08-06	300
	08-106	1/2" X 3/8"	3/8" - 18	15611-06-08	300
	08-108	1/2" X 1/2"	1/2" - 14	15611-08-08	200
	08-112	1/2" X 3/4"	3/4" - 14	15611-12-08	100
	10-108	5/8" X 1/2"	1/2" - 14	15611-08-10	100
	10-112	5/8" X 3/4"	3/4" - 14	15611-12-10	50
	12-112	3/4" X 3/4"	3/4" - 14	15611-12-12	100
	12-116	3/4" X 1"	3/4" - 14	15611-12-16	50
	16-112	1" X 3/4"	1" - 11.4	15611-16-12	50
	16-116	1" X 1"	1" - 11.4	15611-16-16	50
	20-120	1 1/4" X 1 1/4"	1 1/4" - 11.5	15611-20-20	50
	24-124	1 1/2" X 1 1/2"	1 1/2" - 11.5	15611-24-24	25
	32-132	2" X 2"	2" - 11.5	15611-32-32	12
 MACHO JIC 37° JIC MALE 37°	04-504	1/4" X 1/4"	7/16" - 20	16711-04-04	500
	04-505	1/4" X 5/16"	1/2" - 20	16711-05-04	200
	04-506	1/4" X 3/8"	9/16" - 18	16711-06-04	200
	05-504	5/16" X 1/4"	1/4" - 18	16711-04-05	200
	05-505	5/16" X 5/16"	1/2" - 20	16711-05-05	200
	05-506	5/16" X 3/8"	3/4" - 18	16711-06-05	200
	06-506	3/8" X 3/8"	9/16" - 18	16711-06-06	400
	06-508	3/8" X 1/2"	3/4" - 16	16711-08-06	200
	06-510	3/8" X 5/8"	3/4" - 16	16711-10-06	200
	08-508	1/2" X 1/2"	3/4" - 16	16711-08-08	200
	08-510	1/2" X 5/8"	7/8" - 14	16711-10-08	100
	08-512	1/2" X 3/4"	1 1/16" - 12	16711-12-08	100
	10-508	5/8" X 1/2"	3/4" - 16	16711-08-10	100
	10-510	5/8" X 5/8"	7/8" - 14	16711-10-10	50
	10-512	5/8" X 3/4"	1 1/16" - 12	16711-12-10	50
	12-510	3/4" X 5/8"	7/8" - 14	16711-10-12	50
	12-512	3/4" X 3/4"	1 1/16" - 12	16711-12-12	100
	12-516	3/4" X 1"	1 5/16" - 12	16711-16-12	50
	16-516	1" X 1"	1 5/16" - 12	16711-16-16	50
	20-520	1 1/4" X 1 1/4"	1 5/8" - 2	16711-20-20	40
	24-524	1 1/2" X 1 1/2"	1 7/8" - 12	16711-24-24	25
	32-532	2" X 2"	2 1/2" - 12	16711-32-32	10

CONEXIONES HIDRÁULICAS

VASTAGOS / FITTINGS PARA MANGUERAS SAE 100 R1, R2, R12

TIPO DE CONEXIÓN	CÓDIGO	MEDIDAS	ROSCA HILOS	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
  HEMBRA GIRATORIA JIC 37° STRAIGHT FEMALE 37° CONE SEAT	03-604	3/16" X 1/4"	7/16" - 20	26711-04-03	500
	04-604	1/4" X 1/4"	7/16" - 20	26711-04-04	500
	04-605	1/4" X 5/16"	1/2" - 20	26711-05-04	300
	04-606	1/4" X 3/8"	9/16" - 18	26711-06-04	300
	05-605	5/16" X 5/16"	1/2" - 20	26711-05-05	300
	05-606	5/16" X 3/8"	1/2" - 20	26711-06-05	500
	06-606	3/8" X 3/8"	9/16" - 18	26711-06-06	500
	06-608	3/8" X 1/2"	3/4" - 16	26711-08-06	300
	06-610	3/8" X 5/8"	7/8" - 14	26711-10-06	100
	08-608	1/2" X 1/2"	3/4" - 16	26711-08-08	300
	08-610	1/2" X 5/8"	7/8" - 14	26711-10-08	200
	08-612	1/2" X 3/4"	1 1/16" - 12	26711-12-08	100
	10-608	5/8" X 1/2"	3/4" - 16	26711-08-10	200
	10-610	5/8" X 5/8"	7/8" - 14	26711-10-10	200
	10-612	5/8" X 3/4"	1 1/16" - 12	26711-12-10	100
	12-612	3/4" X 3/4"	1 1/16" - 12	26711-12-12	100
	12-614	3/4" X 7/8"	1 3/16" - 12	26711-14-12	50
	12-616	3/4" X 1"	1 5/16" - 12	26711-16-12	50
	16-614	1" X 7/8"	1 3/16" - 12	26711-14-16	50
	16-616	1" X 1"	1 5/16" - 12	26711-16-16	50
	16-620	1" X 1 1/4"	1 5/8" - 2	26711-20-16	40
	20-620	1 1/4" X 1 1/4"	1 5/8" - 2	26711-20-20	40
	24-624	1 1/2" X 1 1/2"	1 7/8" - 12	26711-24-24	20
	32-632	2" X 2"	2 1/2" - 12	26711-32-32	10
  HEMBRA GIRATORIA JIC 37° CURVA 45° ELBOW 45° FEMALE 37° CONE SEAT	04-684	1/4" X 1/4"	7/16" - 20	26741-04-04	400
	04-685	1/4" X 5/16"	1/2" - 20	26741-05-04	250
	05-685	5/16" X 5/16"	1/2" - 20	26741-05-05	250
	05-686	5/16" X 3/8"	3/4" - 18	26741-06-05	250
	06-686	3/8" X 3/8"	9/16" - 18	26741-06-06	250
	06-688	3/8" X 1/2"	3/4" - 16	26741-08-06	150
	08-688	1/2" X 1/2"	3/4" - 16	26741-08-08	130
	08-690	1/2" X 5/8"	7/8" - 14	26741-10-08	100
	10-690	5/8" X 5/8"	7/8" - 14	26741-10-10	100
	12-692	3/4" X 3/4"	1 1/16" - 12	26741-12-12	50
	16-696	1" X 1"	1 5/16" - 12	26741-16-16	30
	20-697	1 1/4" X 1 1/4"	1 5/8" - 2	26741-20-20	13
	24-698	1 1/2" X 1 1/2"	1 7/8" - 12	26741-24-24	8
	32-699	2" X 2"	2 1/2" - 12	26741-32-32	3

TIPO DE CONEXIÓN	CÓDIGO	MEDIDAS	ROSCA HILOS	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
  HEMBRA GIRATORIA JIC 37° CURVA 90° ELBOW 90° FEMALE 37° CONE SEAT	03-664	3/16" X 1/4"	7/16" - 20	26791-04-03	400
	04-664	1/4" X 1/4"	7/16" - 20	26791-04-04	400
	04-665	1/4" X 5/16"	1/2" - 20	26791-05-04	200
	04-666	1/4" X 3/8"	9/16" - 18	26791-06-04	200
	05-665	5/16" X 5/16"	1/2" - 20	26791-05-05	200
	05-666	5/16" X 3/8"	3/4" - 18	26791-06-05	200
	06-666	3/8" X 3/8"	9/16" - 18	26791-06-06	250
	06-668	3/8" X 1/2"	3/4" - 16	26791-08-06	150
	08-668	1/2" X 1/2"	3/4" - 16	26791-08-08	120
	08-670	1/2" X 5/8"	7/8" - 14	26791-10-08	100
	10-670	5/8" X 5/8"	7/8" - 14	26791-10-10	50
	10-672	5/8" X 3/4"	1 1/16" - 12	26791-10-12	50
	12-672	3/4" X 3/4"	1 1/16" - 12	26791-12-12	50
	12-676	3/4" X 1"	1 5/16" - 12	26791-16-12	30
	16-676	1" X 1"	1 5/16" - 12	26791-16-16	25
  ASIENTO PLANO RECTA STRAIGHT ORF FEMALE FLAT SEAT	20-677	1 1/4" X 1 1/4"	1 5/8" - 2	26791-20-20	13
	24-678	1 1/2" X 1 1/2"	1 7/8" - 12	26791-24-24	8
	32-679	2" X 2"	2 1/2" - 12	26791-32-32	3
	04-S64	1/4" X 1/4"	9/16" - 18	24211-04-04	400
	04-S66	1/4" X 3/8"	11/16" - 16	24211-06-04	200
	06-S66	3/8" X 3/8"	11/16" - 16	24211-06-06	300
	06-S68	3/8" X 1/2"	13/16" - 16	24211-08-06	200
	08-S68	1/2" X 1/2"	13/16" - 16	24211-08-08	200
	08-S70	1/2" X 5/8"	1" - 14	24211-10-08	100
	10-S70	5/8" X 5/8"	1" - 14	24211-10-10	100
	10-S72	5/8" X 3/4"	1 3/16" - 12	24211-12-10	100
	12-S72	3/4" X 3/4"	1 3/16" - 12	24211-12-12	100
	12-S76	3/4" X 1"	1 7/16" - 12	24211-16-12	50
	16-S76	1" X 1"	1 7/16" - 12	24211-16-16	50
	16-S80	1" X 1 1/4"	1 11/16" - 12	24211-20-16	50
	20-S80	1 1/4" X 1 1/4"	1 11/16" - 12	24211-20-20	10
  ASIENTO PLANO 45° 45° ORFS FEMALE FLAT SEAT	24-S84	1 1/2" X 1 1/2"	2" - 12	24211-24-24	10
	04-L64	1/4" X 1/4"	9/16" - 18	24241-04-04	200
	04-L66	1/4" X 3/8"	11/16" - 16	24241-06-04	200
	06-L66	3/8" X 3/8"	11/16" - 16	24241-06-06	200
	06-L68	3/8" X 1/2"	13/16" - 16	24241-08-06	150
	08-L68	1/2" X 1/2"	13/16" - 16	24241-08-08	100
	08-L70	1/2" X 5/8"	1" - 14	24241-10-08	100
	10-L70	5/8" X 5/8"	1" - 14	24241-10-10	50
	10-L72	5/8" X 3/4"	1 3/16" - 12	24241-12-10	100
	10-L76	5/8" X 1"	1 7/16" - 12	24241-16-10	50
	12-L72	3/4" X 3/4"	1 3/16" - 12	24241-12-12	50
	12-L76	3/4" X 1"	1 7/16" - 12	24241-16-12	40
	16-L76	1" X 1"	1 7/16" - 12	24241-16-16	30
	20-L80	1 1/4" X 1 1/4"	1 11/16" - 12	24241-20-20	10
	24-L84	1 1/2" X 1 1/2"	2" - 12	24241-24-24	10

CONEXIONES HIDRÁULICAS

VASTAGOS / FITTINGS PARA MANGUERAS SAE 100 R1, R2, R12

TIPO DE CONEXIÓN	CÓDIGO	MEDIDAS	ROSCA HILOS	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
  ASIENTO PLANO CURVA 90° ELBOW 90° ORFS FEMALE FLAT SEAT	04-A24	1/4" X 1/4"	9/16" - 18	24291-04-04	200
	04-A26	1/4" X 3/8"	11/16" - 16	24291-06-04	100
	06-A26	3/8" X 3/8"	11/16" - 16	24291-06-06	200
	06-A28	3/8" X 1/2"	13/16" - 16	24291-08-06	100
	08-A28	1/2" X 1/2"	13/16" - 16	24291-08-08	100
	08-A30	1/2" X 5/8"	1" - 14	24291-10-08	100
	10-A30	5/8" X 5/8"	1" - 14	24291-10-10	50
	10-A32	5/8" X 3/4"	1 3/16" - 12	24291-12-10	30
	12-A28	3/4" X 1/2"	1 3/16" - 12	24291-08-12	100
	12-A32	3/4" X 3/4"	1 3/16" - 12	24291-12-12	50
	12-A36	3/4" X 1"	1 7/16" - 12	24291-16-12	30
	16-A36	1" X 1"	1 7/16" - 12	24291-16-16	30
	16-A40	1" X 1 1/4"	1 11/16" - 12	24291-20-16	20
	20-A40	1 1/4" X 1 1/4"	1 11/16" - 12	24291-20-20	10
	24-A44	1 1/2" X 1 1/2"	2" - 12	24291-24-24	10



L-06-A26	3/8" X 3/8"	13/6" - 16"	24291-06-06L	150
L-06-A28	3/8" X 1/2"	13/16" - 16"	24292-08-06L	120
L-08-A28	1/2" X 1/2"	13/16" - 16	24291-08-08L	100
L-10-A30	5/8" X 5/8"	1" - 14"	24291-10-10L	60
L-12-A28	3/4" X 1/2"	1 3/16" - 12"	24291-12-12L	40
L-16-A36	1" X 1"	1 7/16" - 12"	24291-16-16L	30
L-20-A40	1 1/4" X 1 1/4"	1 11/16" - 12"	24291-20-20L	10



04-E64	1/4" X 1/4"	9/16" - 18	14211-04-04	500
04-E66	1/4" X 3/8"	11/16" - 16	14211-06-04	400
06-E66	3/8" X 3/8"	11/16" - 16	14211-06-06	450
06-E68	3/8" X 1/2"	13/16" - 16	14211-08-06	200
08-E68	1/2" X 1/2"	13/16" - 16	14211-08-08	100
08-E70	1/2" X 5/8"	1" - 14	14211-10-08	100
10-E70	5/8" X 5/8"	1" - 14	14211-10-10	100
10-E72	5/8" X 3/4"	1 3/16" - 12	14211-12-10	100
12-E72	3/4" X 3/4"	1 3/16" - 12	14211-12-12	100
12-E76	3/4" X 1"	1 7/16" - 12	14211-16-12	70
16-E76	1" X 1"	1 7/16" - 12	14211-16-16	50



06-406	3/8" X 3/8"	5/8" - 18	27811-06-06	300
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TIPO DE CONEXIÓN	CÓDIGO	MEDIDAS	ROSCA HILOS	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
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**HEMBRA 45° FLARE
CURVA 90°**

06-446	3/8" X 3/8"	5/8" - 18	27891-06-06	200
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**HEMBRA BSP 60° RECTA
STRAIGHT BSP 60° CONE
FEMALE**

03-354	3/16" X 1/4"	1/4" - 19	22611-04-03	450
04-354	1/4" X 1/4"	1/4" - 19	22611-04-04	400
04-356	3/8" X 1/4"	1/4" - 19	22611-06-04	400
06-356	3/8" X 3/8"	3/8" - 19	22611-06-06	300
06-358	3/8" X 1/2"	3/8" - 19	22611-08-06	300
08-358	1/2" X 1/2"	1/2" - 14	22611-08-08	200
10-360	5/8" X 5/8"	5/8" - 14	22611-10-10	100
12-362	3/4" X 3/4"	3/4" - 14	22611-12-12	100
16-366	1" X 1"	1" - 11	22611-16-16	50
20-370	1 1/4" X 1 1/4"	1 1/4" - 11	22611-20-20	20
24-380	1 1/2" X 1 1/2"	1 1/2" - 11	22611-24-24	10
32-390	2" X 2"	2" - 11	22611-32-32	10



**HEMBRA BSP 60° CURVA 45°
ELBOW 45° BSP 601 CONE
FEMALE**

04-44P	1/4" X 1/4"	1/4" - 19	22641-04-04	300
06-46P	3/8" X 3/8"	3/8" - 19	22641-06-06	200
08-48P	1/2" X 1/2"	1/2" - 14	22641-08-08	100
10-50P	5/8" X 5/8"	5/8" - 14	22641-10-10	100
12-52P	3/4" X 3/4"	3/4" - 14	22641-12-12	50
16-56P	1" X 1"	1" - 11	22641-16-16	30
20-58P	1 1/4" X 1 1/4"	1 1/4" - 11	22641-20-20	20
24-60P	1 1/2" X 1 1/2"	1 1/2" - 11	22641-24-24	10
32-62P	2" X 2"	2" - 11	22641-32-32	10



**HEMBRA BSP 60° CURVA 90°
ELBOW 90° BSP 60° CONE
FEMALE**

03-74P	3/16" X 1/4"	1/4" - 19	22691-04-03	300
04-74P	1/4" X 1/4"	1/4" - 19	22691-04-04	300
04-76P	3/8" X 1/4"	1/4" - 19	22691-06-04	300
06-76P	3/8" X 3/8"	3/8" - 19	22691-06-06	200
06-78P	3/8" X 1/2"	3/8" - 19	22691-08-06	200
08-78P	1/2" X 1/2"	1/2" - 14	22691-08-08	100
10-80P	5/8" X 5/8"	5/8" - 14	22691-10-10	50
12-82P	3/4" X 3/4"	3/4" - 14	22691-12-12	50
16-86P	1" X 1"	1" - 11	22691-16-16	20
20-90P	1 1/4" X 1 1/4"	1 1/4" - 11	22691-20-20	20
24-94P	1 1/2" X 1 1/2"	1 1/2" - 11	22691-24-24	10
32-98P	2" X 2"	2" - 11	22691-32-32	10

CONEXIONES HIDRÁULICAS

VASTAGOS / FITTINGS PARA MANGUERAS SAE 100 R1, R2, R12

TIPO DE CONEXIÓN	CÓDIGO	MEDIDAS	ROSCA HILOS	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
  MACHO BSP 60° RECTO STRAIGHT BSP 60° CONE MALE	04-P54	1/4" X 1/4"	1/4" - 19	12611-04-04	500
	06-P56	3/8" X 3/8"	3/8" - 19	12611-06-06	300
	08-P58	1/2" X 1/2"	1/2" - 14	12611-08-08	250
	10-P60	5/8" X 5/8"	5/8" - 14	12611-10-10	120
	12-P62	3/4" X 3/4"	3/4" - 14	12611-12-12	100
	16-P66	1" X 1"	1" - 11	12611-16-16	50
	20-P67	1 1/4" X 1 1/4"	1 1/4" - 11	12611-20-20	40
	24-P68	1 1/2" X 1 1/2"	1 1/2" - 11	12611-24-24	25
	32-P69	2" X 2"	2" - 11	12611-32-32	10
  FITTING DIRECCIÓN HID.	06-755	3/8" X 5/16"		21500-06-05	400
	06-756	3/8" X 3/8"		21500-06-06	400
	06-710	3/8" X 10MM		21500-06-10	400
  CONJUNTO PARA LIGA DE FRENO	02-LF	1/8"		20000-02-02	800
  FITTING HIDROJET 22 MM	04-H22	1/4" X 22MM		20011-2204	200
	06-H22	3/8" X 22MM		20011-2206	200
  VASTAGO PARA SOLDAR	04-VS	1/4"		40011-04	500
	06-VS	3/8"		40011-06	400
	08-VS	1/2"		40011-08	200
	12-VS	3/4"		40011-12	120
	16-VS	1"		40011-16	100
	20-VS	1 1/4"		40011-20	60
  ADAPTADOR HIDRÁULICO	04-UM	1/4"		04-UM	500
	06-UM	3/8"		06-UM	400
	08-UM	1/2"		08-UM	200
	12-UM	3/4"		12-UM	120
	16-UM	1"		16-UM	100
	20-UM	1 1/4"		20-UM	60

TIPO DE CONEXIÓN	CÓDIGO	MEDIDAS	ROSCA HILOS	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
ACOPLE HIDRÁULICO RÁPIDO ISO 7241-1 (B SERIES)	AH-04	1/4"	5.000	H101-02F	200
	AH-06	3/8"	5.000	H101-03F	400
	AH-08	1/2"	5.000	H101-04F	400
	AH-12	3/4"	4.000	H101-06F	150
	AH-16	1"	3.000	H101-08F	100
	AH-20	1 1/4"	2.500	H101-10F	50

ACOPLE HIDRÁULICO RÁPIDO PLANO / ANTI DERRAME	AHP-04	1/4" X 1/4"	5.000	H301-02F	400
	AHP-06	3/8" X 3/8"	4.000	H301-03F	400
	AHP-08	1/2" X 1/2"	4.000	H301-04F	400
	AHP-12	3/4" X 3/4"	4.000	H301-06F	150
	AHP-16	1" X 1"	3.000	H301-08F	100

ACOPLE HIDRÁULICO RÁPIDO TIPO AGUJA	AHA-04	1/4"	5.000	H001-02F	200
	AHA-06	3/8"	4.500	H001-03F	400
	AHA-08	1/2"	4.000	H001-04F	400
	AHA-12	3/4"	4.000	H001-06F	150
	AHA-16	1"	4.000	H001-08F	100

ACOPLE HIDRÁULICO RÁPIDO MARIPOSA O TUERCA	AHM-12	3/4"	3.000	H401-06F	150
	AHT-12	3/4"	3.000	H402-06F	150
	AHM-16	1"	3.000	H401-08F	100
	AHT-16	1"	3.000	H402-08F	100
	AHM-20	1 1/4"	2.500	H401-10F	50
	AHT-20	1 1/4"	2.500	H402-10F	50

SAE FLANGE RECTO (CÓDIGO 61) 3.000 PSI	08-G08	1/2" X 1/2"		87311-08-08	100
	08-G12	1/2" X 3/4"		87311-12-08	100
	10-G10	5/8" X 5/8"		87311-10-10	50
	12-G12	3/4" X 3/4"		87311-12-12	60
	12-G16	3/4" X 1"		87311-16-12	50
	16-G16	1" X 1"		87311-16-16	50
	16-G20	1" X 1 1/4"		87311-20-16	30
	20-G20	1 1/4" X 1 1/4"		87311-20-20	30
	20-G24	1 1/4" X 1 1/2"		87311-24-20	20
	24-G24	1 1/2" X 1 1/2"		87311-24-24	20
	32-G32	2" X 2"		87311-32-32	10
	36-G36	3" X 3"		87311-36-36	-

TIPO DE CONEXIÓN	CÓDIGO	MEDIDAS	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
  FLANGE 45° (CÓDIGO 61) 3.000 PSI	08-G41	1/2" X 1/2"	87341-08-08	50
	08-G42	1/2" X 3/4"	87341-12-08	50
	10-G40	5/8" X 5/8"	87341-10-10	50
	12-G42	3/4" X 3/4"	87341-12-12	50
	12-G46	3/4" X 1"	87341-16-12	30
	16-G46	1" X 1"	87341-16-16	30
	16-G50	1" X 1 1/4"	87341-20-16	20
	20-G50	1 1/4" X 1 1/4"	87341-20-20	20
	24-G54	1 1/2" X 1 1/2"	87341-24-24	10
	32-G62	2" X 2"	87341-32-32	4
  FLANGE 90° (CÓDIGO 61) 3.000 PSI	40-G68	3" X 3"	87341-40-40	-
	08-G71	1/2" X 1/2"	87391-08-08	100
	08-G72	1/2" X 3/4"	87391-12-08	50
	10-G70	5/8" X 5/8"	87391-10-10	50
	12-G72	3/4" X 3/4"	87391-12-12	50
	12-G76	3/4" X 1"	87391-16-12	25
	16-G76	1" X 1"	87391-16-16	30
	16-G80	1" X 1 1/4"	87391-20-16	15
	20-G80	1 1/4" X 1 1/4"	87391-20-20	12
	20-G84	1 1/4" X 1 1/2"	87391-24-20	8
  FLANGE 90° (CÓDIGO 61) 3.000 PSI (CUELLO LARGO)	24-G84	1 1/2" X 1 1/2"	87391-24-24	8
	32-G84	2" X 1 1/2"	87391-24-32	4
	32-G92	2" X 2"	87391-32-32	4
	40-G96	3" X 3"	87391-40-40	-
	L-12-G72	3/4" X 3/4"	87391-12-12L	35
	L-16-G76	1" X 1"	87391-16-16L	20
	L-16-G80	1" X 1 1/4"	87391-20-16L	10
	L-20-G80	1 1/4" X 1 1/4"	87391-20-20L	10
  FLANGE RECTO (CÓDIGO 62) 6.000 PSI	08-D08	1/2" X 1/2"	87611-08-08	30
	12-D12	3/4" X 3/4"	87611-12-12	30
	12-D16	3/4" X 1"	87611-16-12	50
	16-D16	1" X 1"	87611-16-16	30
	16-D20	1" X 1 1/4"	87611-20-16	30
	20-D76	1 1/4" X 1"	87611-16-20	30
	20-D20	1 1/4" X 1 1/4"	87611-20-20	20
	24-D24	1 1/2" X 1 1/2"	87611-24-24	18
	32-D32	2" X 2"	87611-32-32	10
  FLANGE 45° (CÓDIGO 62) 6.000 PSI	12-D42	3/4" X 3/4"	87641-12-12	40
	16-D46	1" X 1"	87641-16-16	25
	16-D50	1 1/4" X 1"	87641-16-20	15
	20-D50	1 1/4" X 1 1/4"	87641-20-20	15
	24-D54	1 1/2" X 1 1/2"	87641-24-54	7

TIPO DE CONEXIÓN	CÓDIGO	MEDIDAS	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
 FLANGE 90° (CÓDIGO 62) 6.000 PSI	08-D71	1/2" X 1/2"	87691-08-08	30
	12-D72	3/4" X 3/4"	87691-12-12	20
	12-D76	3/4" X 1"	87691-16-12	20
	16-D76	1" X 1"	87691-16-16	20
	20-D76	1 1/4" X 1"	87691-16-20	12
	20-D80	1 1/4" X 1 1/4"	87691-20-20	12
	24-D84	1 1/2" X 1 1/2"	87691-24-24	7
	24-D92	1 1/2" X 2"	87691-24-92	7
	32-D92	2" X 2"	87691-32-32	3

 FLANGE 90° (CÓDIGO 62) 6.000 PSI (CUELLO LARGO)	L-12-D72	3/4" X 3/4"	87691-12-12L	35
	L-16-D76	1" X 1"	87691-16-16L	20
	L-20-D80	1 1/4" X 1 1/4"	87691-20-20L	10

 FLANGE RECTO SUPERCAT 9.000 PSI	S-12-G12	3/4" X 3/4"	87913-12-12	50
	S-12-G16	3/4" X 1"	87913-16-12	40
	S-16-G16	1" X 1"	87913-16-16	40
	S-16-G20	1" X 1 1/4"	87913-20-16	30
	S-20-G20	1 1/4" X 1 1/4"	87913-20-20	30
	S-24-G24	1 1/2" X 1 1/2"	87913-24-24	20
	S-32-G32	2" X 2"	87913-32-32	10

 FLANGE 45° SUPERCAT 9.000 PSI	S-12-G42	3/4" X 3/4"	87943-12-12	50
	S-12-G46	3/4" X 1"	87943-16-12	50
	S-16-G46	1" X 1"	87943-16-16	25
	S-16-G50	1" X 1 1/4"	87943-20-16	25
	S-20-G50	1 1/4" X 1 1/4"	87943-20-20	20

 FLANGE 90° SUPERCAT 9.000 PSI	S-12-G72	3/4" X 3/4"	87993-12-12	40
	S-16-G76	1" X 1"	87993-16-16	25
	S-20-G80	1 1/4" X 1 1/4"	87993-20-20	10
	S-24-G84	1 1/2" X 1 1/2"	87993-24-24	8
	S-32-G92	2" X 2"	87993-32-32	3

 FLANGE 90° SUPERCAT 9.000 PSI (CUELLO LARGO)	SL-12-G72	3/4" X 3/4"	87993-12-12L	35
	SL-16-G76	1" X 1"	87993-16-16L	20
	SL-20-G80	1 1/4" X 1 1/4"	87993-20-20L	8

TIPO DE CONEXIÓN	CÓDIGO	MEDIDAS (PULG)	MEDIDAS (MM)	PASO DE ROSCA MANGUERA X CONECTOR	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
 MACHO 24° ISO 8434 DIN 3861	10411-12-04	1/4"	6	M12x1.5	10411-12-04	350
	10411-14-04	1/4"	6	M14x1.5	10411-14-04	350
	10411-16-06	3/8"	10	M16x1.5	10411-16-06	300
	10411-18-05	5/16"	8	M18x1.5	10411-18-05	200
	10411-22-06	3/8"	10	M22x1.5	10411-22-06	300
	10411-22-08	1/2"	12	M22x1.5	10411-22-08	200
	10411-26-10	5/8"	16	M26x1.5	10411-26-10	100
	10411-30-10	5/8"	16	M30X2	10411-30-10	100
 HEMBRA 24° O-RING DIN 3865	10411-36-16	1"	25	M36X2	10411-36-16	50
	20411-10-04	1/4"	6	M10x1.5	20411-10-04	350
	20411-12-04	1/4"	6	M12x1.5	20411-12-04	350
	20411-14-04	1/4"	6	M14X1.5	20411-14-04	300
	20411-16-04	1/4"	6	M16X1.5	20411-16-04	250
	20411-16-06	3/8"	10	M16X1.5	20411-16-06	200
	20411-18-06	3/8"	10	M18X1.5	20411-18-06	200
	20411-22-08	1/2"	12	M22X1.5	20411-22-08	150
	20411-26-10	5/8"	16	M26X1.5	20411-26-10	100
	20411-36-16	1"	25	M36X2	20411-36-16	50
	20411-22-06T	3/8"	10	M22X1.5	20411-22-06T	200
	20411-30-10T	5/8"	16	M30X2	20411-30-10T	100
	20411-30-12T	3/4"	20	M30X2	20411-30-10T	100
	20411-36-12T	3/4"	20	M30X2	20411-36-12T	50
	20411-36-16T	1"	25	M36X2	20411-36-16	50
	20411-45-20T	1 1/4"	32	M45X2	20411-45-20T	30
 45° HEMBRA 24° O-RING DIN 3865	20411-52-20T	1 1/4"	32	M52X2	20411-52-20T	25
	20411-52-24T	1 1/2"	40	M52X2	20411-52-24T	24
	20441-14-04	1/4"	6	M14X1.5	20441-14-04	300
	20441-16-04	1/4"	6	M16X1.5	20441-16-04	250
	20441-16-06	3/8"	10	M16X1.5	20441-16-06	200
	20441-18-06	3/8"	10	M18X1.5	20441-18-06	150
	20441-22-08	1/2"	12	M22X1.5	20441-22-08	150
	20441-30-10T	5/8"	16	M30X2	20441-30-10T	70
 90° HEMBRA 24° O-RING DIN 3865	20441-36-12T	3/4"	20	M36X2	20441-36-12T	50
	20491-10-04	1/4"	6	M10X1.5	20491-10-04	500
	20491-12-04	1/4"	6	M12X1.5	20491-12-04	500
	20491-14-04	1/4"	6	M14X1.5	20491-14-04	250
	20491-16-04	1/4"	6	M16X1.5	20491-16-04	200
	20491-16-06	3/8"	10	M16X1.5	20491-16-06	200
	20491-18-06	3/8"	10	M18X1.5	20491-18-06	200
	20491-22-08	1/2"	12	M22X1.5	20491-22-08	130
	20491-26-10T	5/8"	16	M26X1.5	20491-26-10T	100
	20491-30-10T	5/8"	16	M30X2	20491-30-10T	70
	20491-30-12T	3/4"	20	M30X2	20491-30-12T	70
	20491-36-12T	3/4"	20	M36X2	20491-36-12T	50
	20491-36-16T	1"	25	M36X2	20491-36-16T	30

TIPO DE CONEXIÓN	CÓDIGO	MEDIDAS (PULG)	MEDIDAS (MM)	PASO DE ROSCA MANGUERA X CONECTOR	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
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MACHO 60°

10611-26-10	5/8"	16	M26x1.5	10611-26-10	100
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HEMBRA 60°

20611-26-10	5/8"	16	M26x1.5	20611-26-10	50
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MACHO 24° ISO 8434
DIN 3861

10511-18-04	1/4"	6	M18X1.5	10511-18-04	300
10511-20-06	3/8"	10	M20X1.5	10511-20-06	200
10511-24-08	1/2"	12	M24X1.5	10511-24-08	200
10511-36-12	3/4"	20	M36X2	10511-36-12	70
10511-36-16	1"	25	M36X2	10511-36-16	50
10511-42-16	1"	25	M42X2	10511-42-16	40
10511-52-20	1 1/4"	32	M52X2	10511-52-20	25

JIS METRIC FEMALE 60°
CONE SEAT (JAPONESA)

28611-14-04	1/4"	6	M14X1.5	28611-14-04	300
28611-18-06	3/8"	10	M18X1.5	28611-18-06	200
28611-22-08	1/2"	12	M22X1.5	28611-22-08	200
28611-30-12	3/4"	20	M30X1.5	28611-30-12	70
28611-33-16	1"	25	M33X1.5	28611-33-16	50

BSP JIS GAS FEMALE 60°
CONE SEAT JIS B8363
(JAPONESA)

29611-04-04	1/4"	6	G1/4"X19	29611-04-04	300
29611-06-06	3/8"	10	G3/8"X19	29611-06-06	200
29611-08-08	1/2"	12	G1/2"X14	29611-08-08	200
29611-12-12	3/4"	20	G3/4"X14	29611-12-12	70
29611-16-16	1"	25	G1"X11	29611-16-16	50

TIPO DE CONEXIÓN	CÓDIGO	MEDIDAS (PULG)	MEDIDAS (MM)	PASO DE ROSCA MANGUERA X CONECTOR	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
  HEMBRA 24° O-RING DIN 3865	20511-14-04	1/4"	6	M14X1.5	20511-14-04	350
	20511-16-04	1/4"	6	M16X1.5	20511-16-04	300
	20511-18-04	1/4"	6	M18X1.5	20511-18-04	250
	20511-18-06	3/8"	10	M18X1.5	20511-18-06	250
	20511-20-06T	3/8"	10	M20X1.5	20511-20-06T	250
	20511-22-06T	3/8"	10	M22X1.5	20511-22-06T	200
	20511-22-08	1/2"	12	M22X1.5	20511-22-08	200
	20511-24-06T	3/8"	10	M24X1.5	20511-24-06T	200
	20511-24-08T	1/2"	12	M24X1.5	20511-24-08T	200
	20511-30-10T	5/8"	16	M30X2	20511-30-10T	100
	20511-30-12T	3/4"	20	M30X2	20511-30-12T	80
	20511-36-12T	3/4"	20	M36X2	20511-36-12T	70
	20511-36-16	1"	25	M36X2	20511-36-16	50
	20511-42-16T	1"	25	M42X2	20511-42-16T	40
	20511-52-20T	1 1/4"	32	M52X2	20511-52-20T	30
	20511-52-24T	1 1/2"	40	M52X2	20511-52-24T	24
  45° / HEMBRA 24° O-RING DIN 3865	20541-14-04	1/4"	6	M14X1.5	20541-14-04	300
	20541-16-04	1/4"	6	M16X1.5	20541-16-04	300
	20541-18-06	3/8"	10	M18X1.5	20541-18-06	300
	20541-20-06	3/8"	10	M20X1.5	20541-20-06	250
	20541-22-06T	3/8"	10	M22X1.5	20541-22-06T	150
	20541-24-08T	1/2"	12	M24X1.5	20541-24-08T	180
	20541-30-10T	5/8"	16	M30X2	20541-30-10T	70
	20541-30-12T	3/4"	20	M30X2	20541-30-12T	50
	20541-36-12T	3/4"	20	M36X2	20541-36-12T	45
	20541-36-16	1"	25	M36X2	20541-36-16	40
	20541-42-16T	1"	25	M42X2	20541-42-16T	30
	20541-52-20T	1 1/4"	32	M52X2	20541-52-20T	17
  90° / HEMBRA 24° O-RING DIN 3865	20591-14-04	1/4"	6	M14X1.5	20591-14-04	300
	20591-16-04	1/4"	6	M16X1.5	20591-16-04	250
	20591-18-04	1/4"	6	M18X1.5	20591-18-04	300
	20591-18-06	3/8"	10	M18X1.5	20591-18-06	250
	20591-20-06T	3/8"	10	M20X1.5	20591-20-06T	300
	20591-22-06T	3/8"	10	M22X1.5	20591-22-06T	200
	20591-24-08T	1/2"	12	M24X1.5	20591-24-08T	120
	20591-30-10	5/8"	16	M30X2	20591-30-10	50
	20591-30-12T	3/4"	20	M30X2	20591-30-12T	50
	20591-36-12T	3/4"	20	M36X2	20591-36-12T	25
	20591-42-16T	1"	25	M42X2	20591-42-16T	15
	20591-52-20T	1 1/4"	32	M52X2	20591-52-20T	10

TIPO DE CONEXIÓN	CÓDIGO	MEDIDAS (PULG)	ROSCA HILOS	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
 MACHO NPT PARA 1, 2 Y 4 MALLAS	OP04E-104	1/4" X 1/4"	1/4" - 18	OP04E-104	180
	OP06E-106	3/8" X 3/8"	3/8" - 18	OP06E-106	150
	OP08E-108	1/2" X 1/2"	1/2" - 14	OP08E-108	90
	OP12E-112	3/4" X 3/4"	3/4" - 14	OP12E-112	50
	OP16E-116	1" X 1"	1" - 11.4	OP16E-116	20

 HEMBRA GIRATORIA 37° PARA 1, 2 Y 4 MALLAS	OP04E-604	1/4" X 1/4"	7/16" - 20	OP04E-604	180
	OP06E-606	3/8" X 3/8"	9/16" - 18	OP06E-606	150
	OP08E-608	1/2" X 1/2"	3/4" - 16	OP08E-608	90
	OP12E-612	3/4" X 3/4"	1 1/16" - 12	OP12E-612	50
	OP16E-616	1" X 1"	1 5/16" - 12	OP16E-616	20

 MACHO JIC 37° X MACHO NPT	848FS-04-02	1/4" X 1/8"	20 X 27	1JN-04-02	250
	848FS-04	1/4" X 1/4"	20 X 18	1JN-04	500
	848FS-04-06	1/4" X 3/8"	20 X 18	1JN-04-06	250
	848FS-06-04	3/8" X 1/4"	18 X 18	1JN-06-04	250
	848FS-06	3/8" X 3/8"	18 X 18	1JN-06	500
	848FS-06-08	3/8" X 1/2"	16 X 18	1JN-06-08	500
	848FS-08-06	1/2" X 3/8"	18 X 16	1JN-08-06	500
	848FS-08-04	1/2" X 1/4"	16 X 18	1JN-08-04	250
	848FS-08	1/2" X 1/2"	16 X 14	1JN-08	500
	848FS-10-08	5/8" X 1/2"	14 X 14	1JN-10-08	250
	848FS-10-06	5/8" X 3/8"	14 X 18	1JN-10-06	200
	848FS-10-12	5/8" X 3/4"	14 X 14	1JN-10-12	250
	848FS-12	3/4" X 3/4"	12 X 14	1JN-12	250
	848FS-12-08	3/4" X 1/2"	16 X 14	1JN-12-08	500
	848FS-12-10	3/4" X 5/8"	12 X 14	1JN-12-10	200
	848FS-12-16	3/4" X 1"	12 X 11.4	1JN-12-16	200
	848FS-16	1" X 1"	12 X 11.4	1JN-16	100
	848FS-16-08	1" X 1/2"	12 X 14	1JN-16-08	200
	848FS-16-12	1" X 3/4"	14 X 12	1JN-16-12	50
	848FS-20	1 1/4" X 1 1/4"	11.5 X 2	1JN-20	20
	848FS-20-16	1 1/4" X 1"	11.5 X 14	1JN-20-16	20
	848FS-24	1 1/2" X 1 1/2"	2 X 11.5	1JN-24	20

 MACHO JIC 37°	842FS-04	1/4"	20 X 20	1J-04	250
	842FS-06	3/8"	18 X 18	1J-06	500
	842FS-08	1/2"	16 X 16	1J-08	500
	842FS-10	5/8"	14 X 14	1J-10	100
	842FS-12	3/4"	12 X 12	1J-12	100
	842FS-16	1"	12 X 12	1J-16	80
	842FS-20	1 1/4"	2 X 2	1J-20	20
	842FS-24	1 1/2"	12 X 12	1J-24	20



**MACHO JIC 37° X MACHO
SAE O-RING**



TIPO DE ADAPTADOR	CÓDIGO	MEDIDAS (PULG)	ROSCA HILOS	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
	848FSO-04-04	1/4" X 1/4"	20 X 27	1JO-04-04	250
	848FSO-04-06	1/4" X 3/8"	20 X 18	1JO-04-06	250
	848FSO-05	5/16" X 5/16"	20 X 20	1JO-05	150
	848FSO-06	3/8" X 3/8"	18 X 18	1JO-06	500
	848FSO-06-08	3/8" X 1/2"	18 X 16	1JO-06-08	500
	848FSO-08	1/2" X 1/2"	16 X 14	1JO-08	500
	848FSO-08-06	1/2" X 3/8"	16 X 20	1JO-08-06	500
	848FSO-08-10	1/2" X 5/8"	16 X 14	1JO-08-10	150
	848FSO-08-12	1/2" X 3/4"	16 X 14	1JO-08-12	200
	848FSO-10	5/8" X 5/8"	14 X 14	1JO-10	100
	848FSO-10-08	5/8" X 1/2"	14 X 16	1JO-10-08	100
	848FSO-10-12	5/8" X 3/4"	14 X 14	1JO-10-12	50
	848FSO-12	3/4" X 3/4"	12 X 14	1JO-12	200
	848FSO-12-08	3/4" X 1/2"	12 X 16	1JO-12-08	60
	848FSO-12-10	3/4" X 5/8"	12 X 14	1JO-12-10	40
	848FSO-12-16	3/4" X 1"	12 X 12	1JO-12-16	40
	848FSO-16	1" X 1"	12 X 11.4	1JO-16	60
	848FSO-16-12	1" X 3/4"	12 X 12	1JO-16-12	60
	848FSO-16-20	1" X 1 1/4"	12 X 11.5	1JO-16-20	40
	848FSO-20	1 1/4" X 1 1/4"	2 X 11.5	1JO-20	40
	848FSO-20-16	1 1/4" X 1"	2 X 11.4	1JO-20-16	20
	848FSO-24-24	1 1/2" X 1 1/2"	12 X 11.5	1JO-24-24	20



**MACHO JIC 37° X
MACHO NPT A 45°**



	854FS-04-04	1/4" X 1/4"	20 X 18	1JN4-04-04	100
	854FS-06-04	3/8" X 1/4"	18 X 18	1JN4-06-04	100
	854FS-06	3/8" X 3/8"	18 X 18	1JN4-06	150
	854FS-06-08	3/8" X 1/2"	18 X 14	1JN4-06-08	150
	854FS-08-06	1/2" X 3/8"	14 X 18	1JN4-08-06	150
	854FS-08	1/2" X 1/2"	16 X 14	1JN4-08	150
	854FS-12	3/4" X 3/4"	12 X 14	1JN4-12	50
	854FS-16	1" X 1"	12 X 11.4	1JN4-16	40



**MACHO JIC 37° X
MACHO NPT A 90°**



	489FS-04	1/4" X 1/4"	20 X 18	1JN9-04	100
	489FS-06-04	3/8" X 1/4"	18 X 18	1JN9-06-04	100
	489FS-06	3/8" X 3/8"	18 X 18	1JN9-06	100
	489FS-06-08	3/8" X 1/2"	18 X 14	1JN9-06-08	100
	489FS-08-04	1/2" X 1/4"	18 X 16	1JN9-08-04	40
	489FS-08	1/2" X 1/2"	16 X 14	1JN9-08	100
	489FS-12	3/4" X 3/4"	12 X 14	1JN9-12	80
	489FS-12-08	3/4" X 1/2"	12 X 18	1JN9-12-08	40
	489FS-16	1" X 1"	12 X 11.4	1JN9-16	50
	489FS-20	1 1/4" X 1 1/4"	12 X 11.5	1JN9-20	20
	489FS-24	1 1/2" X 1 1/2"	12 X 11.5	1JN9-24	20



**MACHO JIC 37° X MACHO
JIC 37° A 90°**



	855FS-04	1/4"	20 X 20	1J9-04	100
	855FS-06	3/8"	18 X 18	1J9-06	150
	855FS-08	1/2"	16 X 16	1J9-08	150
	855FS-10	5/8"	14 X 14	1J9-10	50
	855FS-12	3/4"	12 X 12	1J9-12	50
	855FS-16	1"	12 X 12	1J9-16	40

TIPO DE ADAPTADOR	CÓDIGO	MEDIDAS (PULG)	ROSCA HILOS	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
  MACHO JIC 37° X MACHO SAE O-RING A 90°	849FSO-04	1/4" X 1/4"	20 X 18	1JO9-04	100
	849FSO-06	3/8" X 3/8"	18 X 18	1JO9-06	100
	849FSO-06-08	3/8" X 1/2"	18 X 14	1JO9-06-08	100
	849FSO-08-06	1/2" X 3/8"	14 X 18	1JO9-08-06	100
	849FSO-08	1/2" X 1/2"	16 X 14	1JO9-08	100
	849FSO-08-10	1/2" X 5/8"	16 X 14	1JO9-08-10	50
	849FSO-10	5/8" X 5/8"	14 X 14	1JO9-10	50
	849FSO-12	3/4" X 3/4"	12 X 12	1JO9-12	60
	849FSO-16	1" X 1"	12 X 11.4	1JO9-16	60
	849FSO-20	1 1/4" X 1 1/4"	12 X 11.5	1JO9-20	20
  CODO MACHO JIC 37° X MACHO BSP A 90°	849FSO-24	1 1/2" X 1 1/2"	12 X 11.5	1JO9-24	20
	1BJ9-04	1/4" X 1/4"	20 X 18	1BJ9-04	100
	1BJ9-04-06	1/4" X 3/8"	20 X 18	1BJ9-04-06	100
	1BJ9-06	3/8" X 3/8"	18 X 18	1BJ9-06	100
	1BJ9-06-08	3/8" X 1/2"	18 X 14	1BJ9-06-08	100
	1BJ9-08	1/2" X 1/2"	16 X 14	1BJ9-08	100
	1BJ9-12	3/4" X 3/4"	12 X 14	1BJ9-12	60
	1BJ9-16	1" X 1"	12 X 11.4	1BJ9-16	60
	1BJ9-20	1 1/4" X 1 1/4"	12 X 11.5	1BJ9-20	20
	1BJ9-24	1 1/2" X 1 1/2"	12 X 11.5	1BJ9-24	20
  (T) MACHO JIC 37° X MACHO JIC 37° X MACHO JIC 37°	AJ-04	1/4"	20 X 20 X 20	AJ-04	100
	AJ-06	3/8"	18 X 18 X 18	AJ-06	100
	AJ-08	1/2"	16 X 16 X 16	AJ-08	100
	AJ-10	5/8"	14 X 14 X 14	AJ-10	50
	AJ-12	3/4"	12 X 12 X 12	AJ-12	60
	AJ-16	1"	12 X 12 X 12	AJ-16	60
	AJ-20	1 1/4"	12 X 12 X 12	AJ-20	20
  (T) HEMBRA JIC 37° X MACHO JIC 37° X MACHO JIC 37°	BJ-04	1/4"	20	BJ-04	100
	BJ-06	3/8"	28	BJ-06	100
	BJ-08	1/2"	16	BJ-08	100
	BJ-12	3/4"	12	BJ-12	60
  (T) MACHO JIC 37° X MACHO JIC 37° X HEMBRA JIC	CJ-04	1/4"	20	CJ-04	100
	CJ-06	3/8"	18	CJ-06	100
	CJ-08	1/2"	16	CJ-08	100
	CJ-12	3/4"	12	CJ-12	60
  MACHO NPT RECTO X HEMBRA JIC GIRATORIA	2NJ-04	1/4"	20	2NJ-04	200
	2NJ-06	3/8"	18	2NJ-06	150
	2NJ-08	1/2"	16	2NJ-08	100
	2NJ-08-10	5/8"	16 X 14	2NJ-10	50
	2NJ-12	3/4"	12	2NJ-12	50
	2NJ-16	1"	11	2NJ-16	20
	2NJ-20	1 1/4"	11.5	2NJ-20	10
	2NJ-24	1 1/2"	12	2NJ-24	10

TIPO DE ADAPTADOR	CÓDIGO	MEDIDAS (PULG)	ROSCA HILOS	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
 CODO MACHO JIC X HEMBRA JIC GIRATORIA	2J9-04	1/4"	20	2J9-04	200
	2J9-06	3/8"	18	2J9-06	150
	2J9-08	1/2"	16	2J9-08	100
	2J9-10	5/8"	14	2J9-10	50
	2J9-12	3/4"	12	2J9-12	20
	2J9-16	1"	11.4	2J9-16	10
	2J9-20	1 1/4"	12	2J9-20	10
 MACHO ASIENTO PLANO ORFS RECTO	1F-04	1/4"	20	1F-04	400
	1F-06	3/8"	18	1F-06	300
	1F-08	1/2"	16	1F-08	200
	1F-12	3/4"	12	1F-12	60
	1F-16	1"	11.4	1F-16	20
 MACHO ASIENTO PLANO ORFS RECTO X MACHO JIC	1JF-04	1/4"	20 X 18	1JF-04	200
	1JF-06	3/8"	18 X 16	1JF-06	150
	1JF-08	1/2"	12 X 14	1JF-08	100
	1JF-10	5/8"	14 X 12	1JF-10	50
	1JF-12	3/4"	12 X 12	1JF-12	20
	1JF-16	1"	11.4 X 12	1JF-16	10
 MACHO ASIENTO PLANO ORFS RECTO X MACHO BSP	1BF-04	1/4"	20 X 18	1BF-04	200
	1BF-06	3/8"	18 X 16	1BF-06	150
	1BF-08	1/2"	16 X 14	1BF-08	100
	1BF-10	5/8"	14 X 12	1BF-10	50
	1BF-12	3/4"	14 X 12	1BF-12	20
	1BF-16	1"	12 X 11.4	1BF-16	10
 MACHO BSP RECTO X MACHO BSP CON ORING	1BG-04	1/4"	20	1BG-04	400
	1BG-06	3/8"	18	1BG-06	300
	1BG-08	1/2"	14	1BG-08	200
	1BG-10	5/8"	14	1BG-10	100
	1BG-12	3/4"	14	1BG-12	80
	1BG-16	1"	11.4	1BG-16	20
	1BG-20	1 1/4"	11.5	1BG-20	20
	1BG-24	1 1/2"	12	1BG-24	10
 STRAIGHT MALE JIC X MALE BSP	1BJ-04	1/4" X 1/4"	20	1BJ-04	100
	1BJ-04-06	1/4" X 3/8"	20 X 18	1BJ-04-06	100
	1BJ-06	3/8" X 3/8"	18	1BJ-06	100
	1BJ-06-08	3/8" X 1/2"	18 X 16	1BJ-06-08	100
	1BJ-08	1/2" X 1/2"	16	1BJ-08	100
	1BJ-10	5/8" X 5/8"	16	1BJ-10	50
	1BJ-12	3/4" X 3/4"	12	1BJ-12	60
	1BJ-16	1" X 1"	11.4	1BJ-16	60
	1BJ-20	1 1/4" X 1 1/4"	11.5	1BJ-20	20
	1BJ-24	1 1/2" X 1 1/2"	12	1BJ-24	20

TIPO DE ADAPTADOR	CÓDIGO	MEDIDAS (PULG)	ROSCA HILOS	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
 PASA MURO RECTO MACHO JIC	6J-04	1/4"	20	6J-04	200
	6J-06	3/8"	18	6J-06	150
	6J-08	1/2"	16	6J-08	100
	6J-10	5/8"	14	6J-10	80
	6J-12	3/4"	12	6J-12	50
	6J-16	1"	11.4	6J-16	20
 PASA MURO RECTO MACHO ASIENTO PLANO ORFS	6F-04	1/4"	20	6F-04	200
	6F-06	3/8"	18	6F-06	150
	6F-08	1/2"	16	6F-08	100
	6F-10	5/8"	14	6F-10	80
	6F-12	3/4"	12	6F-12	50
	6F-16	1"	11.4	6F-16	20
 MACHO RECTO NPT	1N-04	1/4" X 1/4"	20	1N-04	500
	1N-04-06	1/4" X 3/8"	20 X 18	1N-04-06	500
	1N-04-08	1/4" X 1/2"	20 X 16	1N-04-08	450
	1N-06	3/8" X 3/8"	18	1N-06	400
	1N-06-08	3/8" X 1/2"	18 X 16	1N-06-08	350
	1N-06-12	3/8" X 3/4"	18 X 12	1N-06-12	300
	1N-08	1/2" X 1/2"	16	1N-08	250
	1N-08-12	1/2" X 3/4"	16 X 12	1N-08-12	150
	1N-08-16	1/2" X 1"	12 X 11.4	1N-08-16	100
	1N-12	3/4" X 3/4"	12	1N-12	80
	1N-12-16	3/4" X 1"	12 X 11.4	1N-12-16	70
	1N-12-20	3/4" X 1 1/4"	12 X 11.5	1N-12-20	50
	1N-16	1" X 1"	11.4	1N-16	40
	1N-16-20	1" X 1 1/4"	11.4 X 11.5	1N-16-20	30
	1N-16-24	1" X 1 1/2"	11.4 X 12	1N-16-24	20
	1N-20	1 1/4" X 1 1/4"	11.5	1N-20	20
	1N-20-24	1 1/4" X 1 1/2"	11.5 X 12	1N-20-24	10
	1N-24	1 1/2" X 1 1/2"	12	1N-24	10
 MACHO JIC 37° RECTO X HEMBRA BSP	5JB-04	1/4" X 1/4"		5JB-04	250
	5JB-04-02	1/4" X 1/8"		5JB-04-02	500
	5JB-04-06	1/4" X 3/8"		5JB-04-06	250
	5JB-06	3/8" X 3/8"		5JB-06	250
	5JB-06-08	3/8" X 1/2"		5JB-06-08	500
	5JB-08	1/2" X 1/2"		5JB-08	500
	5JB-08-10	1/2" X 5/8"		5JB-08-10	500
	5JB-10-12	5/8" X 3/4"		5JB-10-12	250
	5JB-12	3/4" X 3/4"		5JB-12	500
	5JB-12-16	3/4" X 1"		5JB-12-16	250
	5JB-16	1" X 1"		5JB-16	200
	5JB-16-20	1" X 1 1/4"		5JB-16-20	250
	5JB-20	1 1/4" X 1 1/4"		5JB-20	200
	5JB-24	1 1/2" X 1 1/2"		5JB-24	200

TIPO DE ADAPTADOR	CÓDIGO	MEDIDAS (PULG)	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
  MACHO RECTO NPT X HEMBRA NPT	5N-04	1/4" X 1/4"	5N-04	500
	5N-04-06	1/4" X 3/8"	5N-04-06	500
	5N-06-04	3/8" X 1/4"	5N-06-04	450
	5N-06	3/8" X 3/8"	5N-06	400
	5N-06-08	3/8" X 1/2"	5N-06-08	400
	5N-06-12	3/8" X 3/4"	5N-06-12	350
	5N-08-04	1/2" X 1/4"	5N-08-04	350
	5N-08-06	1/2" X 3/8"	5N-08-06	300
	5N-08	1/2" X 1/2"	5N-08	250
	5N-08-12	1/2" X 3/4"	5N-08-12	200
	5N-12-08	3/4" X 1/2"	5N-12-08	200
	5N-12	3/4" X 3/4"	5N-12	150
	5N-12-16	3/4" X 1"	5N-12-16	150
	5N-16-08	1" X 1/2"	5N-16-08	100
	5N-16	1" X 1"	5N-16	100
	5N-16-20	1" X 1 1/4"	5N-16-20	80
	5N-20-12	1 1/4" X 3/4"	5N-20-12	80
	5N-20	1 1/4" X 1 1/4"	5N-20	60
	5N-20-24	1 1/4" X 1 1/2"	5N-20-24	50
	5N-24-16	1 1/2" X 1"	5N-24-16	40
	5N-24-20	1 1/2" X 1 1/4"	5N-24-20	30
	5N-24	1 1/2" X 1 1/2"	5N-24	20
  UNIÓN RECTA HEMBRA NPT	7N-04	1/4"	7N-04	500
	7N-06	3/8"	7N-06	400
	7N-08	1/2"	7N-08	300
	7N-12	3/4"	7N-12	80
	7N-16	1"	7N-16	20
  HEMBRA NPT X HEMBRA NPT 90°	7N9-04	1/4"	7N9-04	500
	7N9-06	3/8"	7N9-06	400
	7N9-08	1/2"	7N9-08	300
	7N9-12	3/4"	7N9-12	80
	7N9-16	1"	7N9-16	20
  TAPÓN HEMBRA JIC	9J-04	1/4"	9J-04	500
	9J-06	3/8"	9J-06	400
	9J-08	1/2"	9J-08	300
	9J-10	5/8"	9J-10	100
	9J-12	3/4"	9J-12	80
	9J-16	1"	9J-16	20
	9J-20	1 1/4"	9J-20	20
	9J-24	1 1/2"	9J-24	10
	9J-32	2"	9J-32	10

TIPO DE ADAPTADOR	CÓDIGO	MEDIDAS (PULG)	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
  TAPÓN	9F-04	1/4"	9F-04	500
	9F-06	3/8"	9F-06	400
	9F-08	1/2"	9F-08	300
	9F-10	5/8"	9F-10	100
	9F-12	3/4"	9F-12	80
	9F-16	1"	9F-16	20
	9F-20	1 1/4"	9F-20	20
	9F-24	1 1/2"	9F-24	10
  TAPÓN	9N-04	1/4"	9N-04	500
	9N-06	3/8"	9N-06	400
	9N-08	1/2"	9N-08	300
	9N-10	5/8"	9N-10	100
	9N-12	3/4"	9N-12	80
	9N-16	1"	9N-16	20
  TAPÓN MACHO JIC	4J-04	1/4"	4J-04	500
	4J-06	3/8"	4J-06	400
	4J-08	1/2"	4J-08	300
	4J-10	5/8"	4J-10	100
	4J-12	3/4"	4J-12	80
	4J-16	1"	4J-16	20
	4J-20	1 1/4"	4J-20	20
	4J-24	1 1/2"	4J-24	10
  TAPÓN	4F-04	1/4"	4F-04	500
	4F-06	3/8"	4F-06	400
	4F-08	1/2"	4F-08	300
	4F-10	5/8"	4F-10	100
	4F-12	3/4"	4F-12	80
	4F-16	1"	4F-16	20
	4F-20	1 1/4"	4F-20	20
	4F-24	1 1/2"	4F-24	10
  TAPÓN	4N-04	1/4"	4N-04	500
	4N-06	3/8"	4N-06	400
	4N-08	1/2"	4N-08	300
	4N-10	5/8"	4N-10	100
	4N-12	3/4"	4N-12	80
	4N-16	1"	4N-16	20
	4N-20	1 1/4"	4N-20	20
	4N-24	1 1/2"	4N-24	10
  MACHO JIC 37° X FLANGE (CÓDIGO 61) 3.000 PSI	1JFL-16	1"	1JFL-16	60
	1JFL-20	1 1/4"	1JFL-20	20

ADAPTADORES HIDRÁULICOS

ADAPTADORES HIDRÁULICOS Y MILIMÉTRICOS

TIPO DE ADAPTADOR	CÓDIGO	MEDIDAS (PULG)	MEDIDAS (MM)	PASO DE ROSCA MANGUERA X CONECTOR	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
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**MACHO JIC 37° X FLANGE
(CÓDIGO 62) 6.000 PSI**

1JFS-16	1"			1 5/16-12	1JFS-16	60
1JFS-20	1 1/4"			1 5/8-2	1JFS-20	20



**ABRAZADERA PARA BRIDA
(CÓDIGO 61) 3.000 PSI**

SFI-08-61	1/2"				FL-08	50
SFI-12-61	3/4"				FL-12	40
SFI-16-61	1"				FL-16	30
SFI-20-61	1-1/4"				FL-20	15
SFI-24-61	1-1/2"				FL-24	10
SFI-32-61	2"				FL-32	6
SFI-40-61	3"				FL-40	-



**ABRAZADERA PARA BRIDA
(CÓDIGO 62) 6.000 PSI**

SFI-08-62	1/2"				FS-08	50
SFI-12-62	3/4"				FS-12	40
SFI-16-62	1"				FS-16	30
SFI-20-62	1-1/4"				FS-20	15
SFI-24-62	1-1/2"				FS-24	10
SFI-32-62	2"				FS-32	6



**UNIÓN MACHO MÉTRICO X
MACHO BSP**

1BH-04-14	1/4"	6	M14 X 1.5	1BH-04-14	400
1BH-04-16	1/4"	6	M16 X 1.5	1BH-04-16	400
1BH-06-16	3/8"	10	M16 X 1.5	1BH-06-16	350
1BH-06-18	3/8"	10	M18 X 1.5	1BH-06-18	350
1BH-06-20	3/8"	10	M20 X 1.5	1BH-06-20	350
1BH-08-22	1/2"	12	M22 X 1.5	1BH-08-22	300
1BH-10-24	5/8"	16	M24 X 1.5	1BH-10-24	250
1BH-10-26	5/8"	16	M26 X 1.5	1BH-10-26	250
1BH-12-30	3/4"	20	M30 X 2	1BH-12-30	150
1BH-12-36	3/4"	20	M36 X 2	1BH-12-36	150
1BH-16-36	1"	25	M36 X 2	1BH-16-36	100
1BH-16-42	1"	25	M42 X 2	1BH-16-42	100



**UNIÓN MACHO MÉTRICO X
MACHO ASIENTO PLANO
ORFS**

1FH-08-18	1/2"	12	M18 X 1.5	1FH-08-18	200
1FH-08-22	1/2"	12	M22 X 1.5	1FH-08-22	200
1FH-08-24	1/2"	12	M24 X 1.5	1FH-08-24	200

FERRULES HIDRÁULICAS

FERRULES HIDRÁULICAS / CASQUILLOS

TIPO DE FERRUL	CÓDIGO	MEDIDAS (PULG)	LARGO	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
 F1 1 MALLA	F1-04	1/4"	30,5	00110-04	400
	F1-06	3/8"	32	00110-06	350
	F1-08	1/2"	34	00110-08	250
	F1-10	5/8"	37	00110-10	220
	F1-12	3/4"	43	00110-12	125
	F1-16	1"	50	00110-16	75
 F2 1 Y 2 MALLAS	F2-04	1/4"	30	00210-04	400
	F2-05	5/16"	31	00210-05	300
	F2-06	3/8"	32	00210-06	300
	F2-08	1/2"	34	00210-08	200
	F2-10	5/8"	37	00210-10	100
	F2-12	3/4"	43	00210-12	100
	F2-16	1"	50	00210-16	50
	F2-20	1 1/4"	59	00210-20	30
	F2-24	1 1/2"	74	00210-24	20
	F2-32	2"	79	00210-32	18
 F2-B MALLAS	F2-04B	1/4"	30	003310-04B	400
	F2-05B	5/16"	31	003310-05B	300
	F2-06B	3/8"	32	003310-06B	300
	F2-08B	1/2"	34	003310-08B	200
	F2-10B	5/8"	37	003310-10B	100
	F2-12B	3/4"	43	003310-12B	100
	F2-16B	1"	50	003310-16B	50
	F2-20B	1 1/4"	59	003310-20B	30
	F2-24B	1 1/2"	74	003310-24B	20
	F2-32B	2"	79	003310-32B	18
 F12 4 MALLAS	F12-06	3/8"	32	00400-06	300
	F12-08	1/2"	34,5	00400-08	200
	F12-10	5/8"	38	00400-10	100
	F12-12	3/4"	40,5	00400-12	100
	F12-16	1"	53	00400-16	70
	F12-20	1 1/4"	57	00400-20	30
	F12-24	1 1/2"	66	00400-24	20
	F12-32	2"	70	00400-32	18
 F12-C MALLAS	F12-06C	3/8"	32	00920-06	300
	F12-08C	1/2"	34,5	00920-08	200
	F12-10C	5/8"	38	00920-10	100
	F12-12C	3/4"	40,5	00920-12	100
	F12-16C	1"	53	00920-16	70
	F12-20C	1 1/4"	57	00920-20	30
	F12-24C	1 1/2"	66	00920-24	20
	F12-32C	2"	70	00920-32	18

FERRULES HIDRÁULICAS

FERRULES HIDRÁULICAS / CASQUILLOS

TIPO DE FERRUL	CÓDIGO	MEDIDAS (PULG)	LARGO	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
 F13 6 MALLAS INTERLOCK	F13-08	1/2"	41	00621-08	200
	F13-12	3/4"	51	00621-12	100
	F13-16	1"	61,5	00621-16	70
	F13-20	1 1/4"	67,5	00621-20	30
	F13-24	1 1/2"	75	00621-24	20
	F13-32	2"	79	00621-32	18
	F13-40	3"	-	00621-40	-
 F4SH ALTOS IMPULSOS	F4SH-20	1 1/4"	88	00421-20	30
	F4SH-24	1 1/2"	102	00421-24	20
	F4SH-32	2"	108	00421-32	18
 F7 SAE 100 R7	F7-03	3/16"	26	00018-03	450
	F7-04	1/4"	29	00018-04	400
	F7-06	3/8"	31	00018-06	350
	F7-08	1/2"	34	00018-08	250
 FA FERRUL LIVIANO DE ALUMINIO	FA-04	1/4"	30		100
	FA-05	5/16"	30		100
	FA-06	3/8"	30		100
	FA-08	1/2"	30		100
	FA-10	5/8"	30		100
	FA-12	3/4"	39		100
	FA-16	1"	39		100
 FAH FERRUL PESADO 1 MALLA	FAH-04	1/4"	33	003310-04	50
	FAH-06	3/8"	35	003310-06	50
	FAH-08	1/2"	35	003310-08	50
	FAH-10	5/8"	40	003310-10	50
	FAH-12	3/4"	45	003310-12	50
	FAH-16	1"	54	003310-16	50
 FAH-C FERRUL POWER STEERING	FAH-06C	3/8"	28		50

TIPO DE FERRUL	CÓDIGO	MEDIDAS (PULG)	LARGO	NÚMERO DE PARTE	CANTIDAD POR CAJA (PIEZAS)
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FAH-L
FERRUL HIDROJET
1 MALLA

FAH-04L	1/4"	30		100
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FA-R
FERRUL REFORZADO

FA-03R	1/8"	25		100
FA-04R	1/4"	25		100
FA-06R	3/8"	25		100



FA-X
FERRUL
ACERO INOXIDABLE

FA-04X	1/4"	30	PS0018-04X	400
FA-05X	5/16"	31	PS0018-05X	300
FA-06X	3/8"	32	PS0018-06X	300
FA-08X	1/2"	34	PS0018-08X	200
FA-10X	5/8"	37	PS0018-10X	100
FA-12X	3/4"	43	PS0018-12X	100
FA-16X	1"	50	PS0018-16X	50
FA-20X	1 1/4"	59	PS0018-20X	30
FA-24X	1 1/2"	74	PS0018-24X	20
FA-32X	2"	79	PS0018-32X	18

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (PULG)	DIÁMETRO INTERNO (MM)	DIÁMETRO EXTERNO (MM)	PRESIÓN MÁX. DE TRABAJO (PSI)	PRESIÓN MÍN. DE RUPTURA (PSI)	ROLLO LARGO LINEAL (MTS)	ROLLO LARGO LINEAL (PIE)	PESO APROX. POR KILO / METRO	PESO APROX. POR LIBRA / PIE
  AIRE Y AGUA (COMPUESTO TPR)	TPI-025	1/4"	6,3	12	300	900	100	328.00	0.11	0.08
	TPI-031	5/16"	8,5	14	300	900	100	328.00	0.13	0.09
	TPI-038	3/8"	10	16	300	900	100	328.00	0.17	0.11
	TPI-050	1/2"	13	20	300	900	100	328.00	0.25	0.17
	TPI-062	5/8"	16	25	300	900	100	328.00	0.39	0.27
	TPI-075	3/4"	19	28	300	900	50	164.00	0.45	0.31
	TPI-100	1"	25	34	300	900	50	164.00	0.56	0.39
  SOLDAR MOROCHA (TPR)	TSI-025	1/4"	6	13	250	750	100	328.00	0.18	0.12
	TSI-031	5/16"	8	15	250	750	100	328.00	0.20	0.14
  JACKHAMMER (TPR) CON CONEXIONES Y ABRAZADERAS EN AMBAS PUNTAS ENSAMBLADAS	TJI-075	3/4"	19	28	300	900	15.24	50.00	0.53	1.17
  SUCCIÓN Y DESCARGA DE AGUA LIVIANA	PAI-075	3/4"	19	25	120	360	50	164.00	0.60	0.42
	PAI-100	1"	25	30	120	360	50	164.00	0.60	0.42
	PAI-125	1 1/4"	32	37	105	315	50	164.00	0.79	0.55
	PAI-150	1 1/2"	38	44	105	315	50	164.00	1.14	0.79
	PAI-200	2"	50	57	90	270	50	164.00	1.77	1.22
	PAI-250	2 1/2"	63	71	90	270	30	164.00	2.43	1.68
	PAI-300	3"	75	83	75	225	30	164.00	2.70	1.87
	PAI-400	4"	100	112	60	180	30	164.00	5.61	3.89
	PAI-600	6"	150	163	45	135	30	98.40	8.73	6.04
  SUCCIÓN Y DESCARGA DE AGUA LIVIANA Y PESADA	PAI-800	8"	200	214	30	90	30	32.80	12.99	8.99
	PVI-075	3/4"	19	25	120	360	50	164.00	0.60	0.42
	PVI-100	1"	25	30	120	360	50	164.00	0.60	0.42
	PVI-125	1 1/4"	32	37	105	315	50	164.00	0.79	0.55
	PVI-150	1 1/2"	38	44	105	315	50	164.00	1.14	0.79
	PVI-200	2"	50	57	90	270	50	164.00	1.77	1.22
	PVI-250	2 1/2"	63	71	90	270	50	164.00	2.43	1.68
	PVI-300	3"	75	83	75	225	50	164.00	2.70	1.87
	PVI-400	4"	100	112	60	180	50	164.00	5.61	3.89
  SUCCIÓN Y DESCARGA DE AGUA PESADA	PVI-600	6"	150	163	45	135	30	98.40	8.73	6.04
	PVI-800	8"	200	214	30	90	10	32.80	12.99	8.99
	PNI-200	2"	50	60	105	315	30	164.00	2.23	1.55
	PNI-300	3"	75	86	90	270	30	164.00	3.72	2.58
	PNI-400	4"	100	115	90	270	30	164.00	6.80	4.71
	PNI-600	6"	150	166	60	180	30	98.40	11.69	8.10
	PNI-800	8"	200	220	60	180	30	32.80	17.90	12.39
	PNI-10	10"	254	276	60	180	30	32.80	13.00	9.00
	PNI-12	12"	305	329	60	180	30	32.80	18.00	12.47

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (PULG)	DIÁMETRO INTERNO (MM)	DIÁMETRO EXTERNO (MM)	PRESIÓN MÁX. DE TRABAJO (PSI)	PRESIÓN MÍN. DE RUPTURA (PSI)	ROLLO LARGO LINEAL (MTS)	ROLLO LARGO LINEAL (PIE)	PESO APROX. POR KILO / METRO	PESO APROX. POR LIBRA / PIE
  CHATA / APLASTABLE LAYFLAT TRABAJO LIVIANO	PCI-100	1"	25	27.6	120	360	50	328.00	0.20	0.14
	PCI-125	1 1/4"	32	34.4	120	360	50	328.00	0.22	0.15
	PCI-150	1 1/2"	38	40.6	120	360	50	328.00	0.25	0.17
	PCI-200	2"	51	53.3	120	360	50	328.00	0.30	0.21
	PCI-250	2 1/2"	64	67.4	120	360	50	328.00	0.45	0.31
	PCI-300	3"	76	79	120	360	50	328.00	0.60	0.42
	PCI-400	4"	102	105.6	120	360	50	328.00	1.20	0.83
	PCI-500	5"	127	130	90	270	50	328.00	1.00	0.69
	PCI-600	6"	152	155.8	90	270	50	328.00	1.10	0.76
	PCI-800	8"	203	206	90	270	50	328.00	1.80	1.25
	PCI-10	10"	254	257	80	240	50	328.00	2.20	1.52
	PCI-12	12"	305	308	60	180	50	328.00	3.10	2.15
  CHATA / APLASTABLE LAYFLAT TRABAJO PESADO	PHI-150	1 1/2"	38	41.5	150	450	50	328.00	0.28	0.19
	PHI-200	2"	51	54.5	150	450	50	328.00	0.38	0.26
	PHI-250	2 1/2"	65	69	150	450	50	328.00	0.48	0.33
	PHI-300	3"	76	80	150	450	50	328.00	0.70	0.48
	PHI-400	4"	102	106.8	150	450	50	328.00	0.94	0.65
	PHI-500	5"	127	132	120	360	50	328.00	1.11	0.77
	PHI-600	6"	152	157	120	360	50	328.00	1.65	1.14
	PHI-800	8"	203	208	120	360	50	328.00	2.85	1.97
	PHI-10	10"	257	263	110	330	50	328.00	2.65	1.84
	PHI-12	12"	308	313	90	270	50	328.00	3.15	2.18
  SUCCIÓN Y DESCARGA DE GASOLINA	PPI-100	1"	25	30	120	360	50	164.00	0.87	0.60
	PPI-125	1 1/4"	32	38	105	315	50	164.00	1.06	0.74
	PPI-150	1 1/2"	38	44	105	315	50	164.00	1.49	1.03
	PPI-200	2"	51	57	90	270	50	164.00	2.23	1.55
	PPI-300	3"	75	83	75	225	50	164.00	3.72	2.58
	PPI-400	4"	100	112	60	180	50	164.00	6.80	4.71
	PPI-600	6"	150	163	45	135	30	98.40	10.18	7.05
	PPI-800	8"	200	214	30	90	15	49.20	17.90	12.39
  SUCCIÓN Y DESCARGA FLEXIBLE DE ALCANTARILLADO (SEWER) GASOLINA Y DERIVADOS	PGI-100	1"	25	35	120	360	50	164.00	0.50	0.34
	PGI-125	1 1/4"	32	42	120	360	50	164.00	0.60	0.41
	PGI-150	1 1/2"	38	49	105	315	50	164.00	0.70	0.48
	PGI-200	2"	51	64	105	315	50	164.00	1.05	0.72
	PGI-250	2 1/2"	63	77	90	270	30	164.00	1.39	0.96
	PGI-300	3"	75	92	90	270	30	164.00	1.70	1.17
	PGI-400	4"	100	120	75	225	30	164.00	2.85	1.97
	PGI-500	5"	127	145	60	180	30	98.40	3.90	2.69
	PGI-600	6"	150	171	60	180	30	98.40	5.00	3.45
  NO TÓXICA CON REFUERZO TEXTIL	ARI-025	1/4"	6	10	150	450	100	328.00	0.15	0.11
	ARI-031	5/16"	8	12	150	450	100	328.00	0.19	0.13
	ARI-038	3/8"	9	13	135	405	100	328.00	0.21	0.14
	ARI-050	1/2"	12	16	105	315	100	328.00	0.26	0.18
	ARI-062	5/8"	16	20	105	315	100	328.00	0.34	0.24
	ARI-075	3/4"	19	24	90	270	50	328.00	0.51	0.35
	ARI-100	1"	25	30	60	180	50	164.00	0.66	0.46
	ARI-125	1 1/4"	32	39	60	180	40	164.00	1.19	0.82
	ARI-150	1 1/2"	38	46	75	225	40	164.00	1.61	1.11
	ARI-200	2"	50	59	60	180	40	164.00	2.34	1.62
	ARI-300	3"	75	84	60	180	40	131.20	3.35	2.32

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (PULG)	DIÁMETRO INTERNO (MM)	DIÁMETRO EXTERNO (MM)	PRESIÓN MÁX. DE TRABAJO (PSI)	PRESIÓN MÍN. DE RUPTURA (PSI)	ROLLO LARGO LINEAL (MTS)	ROLLO LARGO LINEAL (PIE)	PESO APROX. POR KILO / METRO	PESO APROX. POR LIBRA / PIE
  NO TÓXICA SIN REFUERZO	ASI-025	1/4"	6	9	75	225	100	328.00	0.05	0.03
	ASI-031	5/16"	8	11	75	225	100	328.00	0.06	0.04
	ASI-038	3/8"	10	13	75	225	100	328.00	0.07	0.05
	ASI-050	1/2"	12	15	45	135	100	328.00	0.08	0.06
	ASI-062	5/8"	15	18	45	135	100	328.00	0.10	0.07
	ASI-075	3/4"	19	22	45	135	50	164.00	0.13	0.09
	ASI-100	1"	25	30	45	135	50	164.00	0.28	0.19
	ASI-125	1-1/4"	32	38	45	135	40	131.20	0.43	0.30
	ASI-150	1-1/2"	38	44	45	135	40	131.20	0.52	0.36
	ASI-200	2"	50	58	45	135	40	131.20	0.90	0.62
  NO TÓXICA CON REFUERZO DE ACERO	PSI-025	1/4"	6	11	75	225	100	328.00	0.25	0.17
	PSI-031	5/16"	8	14	75	225	100	328.00	0.30	0.21
	PSI-038	3/8"	9	15	75	225	100	328.00	0.35	0.24
	PSI-050	1/2"	12	18	75	225	100	328.00	0.45	0.31
	PSI-062	5/8"	15	22	75	225	100	328.00	0.63	0.44
	PSI-075	3/4"	19	25	75	225	50	164.00	0.61	0.42
	PSI-100	1"	25	33	75	225	50	164.00	1.10	0.76
	PSI-125	1 1/4"	32	41	60	180	40	131.20	1.60	1.10
	PSI-150	1 1/2"	38	47	60	180	40	131.20	2.05	1.42
	PSI-200	2"	50	60	60	180	40	131.20	2.86	1.98
	PSI-300	3"	75	88	45	135	30	98.40	5.73	3.97
  SOLDAR MOROCHA (PVC)	SPI-025	1/4"	6	13	250	750	100	328.00	0.16	0.11
  FUMIGACIÓN	PFI-031	5/16"	8	14	725	2175	100	328.00	0.15	0.10
	PFI-038	3/8"	10	16	580	1740	100	328.00	0.17	0.12
	PFI-050	1/2"	13	20	580	1740	100	328.00	0.20	0.14
  LAVADO DE VEHÍCULOS	PLI-050	1/2"	12.5	21	1015	3045	100	328.00	0.29	0.20

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (MM)	DIÁMETRO EXTERNO (MM)	LÍMITES OPERATIVOS		RADIO DOBLADO (MM)	ROLLO LARGO LINEAL (MTS)
				PRESIÓN (BAR)	VACUUM (BAR)		
	HTS-1	20	25	1.8	0.5	25	20
	HTS-2	25	33	1	0.4	33	20
	HTS-3	32	40	0.95	0.35	40	20
	HTS-4	38	46	0.9	0.3	46	20
	HTS-5	40	47	1.015	0.3	47	20
	HTS-6	45	52	0.9	0.285	52	20
	HTS-7	51	59	0.8	0.26	59	20
	HTS-8	60	68	0.68	0.21	68	20
	HTS-9	63	71	0.645	0.195	71	20
	HTS-10	65	73	0.63	0.18	73	20
	HTS-11	70	78	0.585	0.15	78	20
	HTS-12	76	83	0.545	0.14	83	20
	HTS-13	80	88	0.51	0.13	88	20
	HTS-14	90	98	0.455	0.115	98	20
	HTS-15	100	108	0.41	0.09	108	20
	HTS-16	102	110	0.4	0.09	110	20
	HTS-17	107	115	0.39	0.09	115	20
	HTS-18	110	118	0.375	0.08	118	20
	HTS-19	115	123	0.355	0.08	123	20
	HTS-20	120	128	0.34	0.075	128	20
	HTS-21	125	133	0.33	0.06	133	20
	HTS-22	127	135	0.325	0.06	135	20
	HTS-23	130	138	0.315	0.06	138	20
	HTS-24	135	143	0.3	0.06	143	20
	HTS-25	140	148	0.295	0.06	148	20
	HTS-26	150	158	0.275	0.055	158	20
	HTS-27	152	160	0.27	0.055	160	10
	HTS-28	160	168	0.255	0.05	168	10
	HTS-29	170	178	0.24	0.045	178	10
	HTS-30	175	183	0.235	0.04	183	10
	HTS-31	180	188	0.23	0.04	188	10
	HTS-32	200	208	0.205	0.04	208	10
	HTS-33	203	211	0.205	0.04	211	10
	HTS-34	220	228	0.18	0.03	228	10
	HTS-35	228	236	0.17	0.02	236	10
	HTS-36	250	258	0.165	0.015	258	10
	HTS-37	275	283	0.15	0.015	283	10
	HTS-38	280	288	0.145	0.015	288	10
	HTS-39	300	309	0.135	0.015	309	10
	HTS-40	305	314	0.13	0.015	314	10
	HTS-41	325	334	0.125	0.01	334	10
	HTS-42	350	359	0.115	0.01	359	10
	HTS-43	400	409	0.105	0.01	409	10
	HTS-44	450	459	0.09	0.006	459	10
	HTS-45	500	510	0.08	0.005	510	10



**MANGUERA CONDUCTO
HELICE ALAMBRE DE ACERO
PU**

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO EXT / INT (PULG)	DIÁMETRO EXTERNO (MM)	DIÁMETRO INTERNO (MM)	PRESIÓN MÁX. DE TRABAJO (PSI)	PRESIÓN MÍN. DE RUPTURA (PSI)	ROLLO LARGO LINEAL (MTS)	ROLLO LARGO LINEAL (PIE)	PESO APROX. POR KILO / METRO	PESO APROX. POR LIBRA / PIE
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**TUBO FRENO DE AIRE SAE
J844 TIPO "A" Y "B"**

NTI-04	1/4"	6.35	4,31	150	1200	100	328.08	0.55	0.38
NTI-05	5/16"	7.94	6,35	150	1000	100	328.08	0.71	0.49
NTI-06	3/8"	9.53	7,94	150	1400	100	328.08	1.22	0.84
NTI-08	1/2"	12.70	9,55	150	950	100	328.08	1.77	1.23



**TUBO FRENO DE AIRE SAE
J844 TIPO "A" Y "B"**

TMI-6	6	4	150	1200	100	328.08	0.55	0.38
TMI-8	8	6	150	1000	100	328.08	0.71	0.49
TMI-10	10	7	150	1400	100	328.08	1.22	0.84
TMI-12	12	9	150	950	100	328.08	1.77	1.23



**MANGUERA EN ESPIRAL
PARA FRENO DE AIRE
(SAE J844) CON
CONEXIONES MACHO NPT**

NEI-08	1/2"	12.70	9.52	150	790	4.57	14.99	1.36	0.94
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LIGA DE FRENO SAE J1401

LFI-012	1/8"	10.5	3,2	2900	10.5	200 / 7	656 / 7	0.09	0.06
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**AIRE ACONDICIONADO
SAE J2064 TYPE C**

ACI-06	5/16"	19	8,2	508	19	(+/-) 50	(+/-) 164	0.30	0.21
ACI-08	13/32"	23	10,5	508	23	(+/-) 50	(+/-) 164	0.42	0.29
ACI-10	1/2"	25.4	13	508	25.4	(+/-) 50	(+/-) 164	0.49	0.34
ACI-12	5/8"	28.6	16,1	508	28.6	(+/-) 50	(+/-) 164	0.57	0.39

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (PULG)	DIÁMETRO INTERNO (MM)	DIÁMETRO EXTERNO (MM)	ROLLO LARGO LINEAL (MTS)	ROLLO LARGO LINEAL (PIE)
 	TVI-018	3/16"	4,8	10	100	328.00
	VACCUMM FRANJA AMARILLA					
 	TGI-012	1/8"	3,18	5.8	50	328.00
	TGI-018	3/16"	4,8	7.4	50	328.00
	TGI-025	1/4"	6,35	9.3	50	328.00
	TGI-031	5/16"	7,94	10.9	50	328.00
	TGI-038	3/8"	9,53	12.4	50	328.00
	TGI-050	1/2"	12,70	16.1	50	328.00
	TUBO DE GOMA					
 	CGI-150	1-1/2"	38	51		
	CGI-200	2"	51	65		
	CGI-225	2-1/4"	58	72		
	CGI-238	2-3/8"	61	75		
	CGI-250	2-1/2"	63	78		
	CGI-300	3"	76	92		
	CGI-350	3-1/2"	89	107		
	CGI-400	4"	100	120		
	CGI-450	4-1/2"	113	133		
	CGI-600	6"	150	172		
 	MFI-100X075-19	1" X 3/4"			19"	1.58
	MFI-100X075-23,5	1" X 3/4"			23,5"	1.96
	MFI-100X150-20	1" X 1-1/2"			20"	1.67
	MFI-150-14	1-1/2"			14"	9.50
	MFI-150-22	1-1/2"			22"	1.83
	MF-1150-25	1-1/2"			25"	2.08
	MFI-150-30	1-1/2"			30"	2.50
	MFI-150X175-15	1-1/2" X 1-3/4"			15"	1.25
	MFI-150X175-20	1-1/2" X 1-3/4"			20"	1.67
	MFI-150X175-22	1-1/2" X 1-3/4"			22"	1.83
	MFI-200-17	2"			17"	1.42
	MFI-200-20	2"			20"	1.67
	MFI-200-24	2"			24"	2.00
	MANGUERA FLEXIBLE UNIVERSAL (EPDM)					

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (PULG)	DIÁMETRO INTERNO (MM)	LONAS DE REFUERZO	ESPOSOR (MM)	ROLLO LARGO LINEAL (MTS)	ROLLO LARGO LINEAL (PIE)
  MANGUERA SILICÓN RECTA	MSI-08-R	5/16"	8	3	4	1	3.28
	MSI-10-R	3/8"	10	3	4	1	3.28
	MSI-13-R	1/2"	13	3	4	1	3.28
	MSI-16-R	5/8"	16	3	4	1	3.28
	MSI-19-R	3/4"	19	3	4	1	3.28
	MSI-22-R	7/8"	22	3	4	1	3.28
	MSI-25-R	1"	25	3	4	1	3.28
	MSI-28-R	1 3/16"	28	3	4	1	3.28
	MSI-30-R	1 1/8"	30	3	4	1	3.28
	MSI-32-R	1 1/4"	32	3	4	1	3.28
	MSI-35-R	1 3/8"	35	3	4	1	3.28
	MSI-38-R	1 1/2"	38	3	4	1	3.28
	MSI-41-R	1 5/8"	41	4	5	1	3.28
	MSI-45-R	1 3/4"	45	4	5	1	3.28
	MSI-48-R	1 7/8"	48	4	5	1	3.28
	MSI-51-R	2"	51	4	5	1	3.28
	MSI-55-R	2 1/8"	55	4	5	1	3.28
	MSI-57-R	2 1/4"	57	4	5	1	3.28
	MSI-60-R	2 3/8"	60	4	5	1	3.28
	MSI-63-R	2 1/2"	63	4	5	1	3.28
	MSI-65-R	2 5/8"	65	4	5	1	3.28
	MSI-70-R	2 3/4"	70	4	5	1	3.28
	MSI-76-R	3"	76	4	5	1	3.28
	MSI-80-R	3 1/8"	80	4	5	1	3.28
	MSI-83-R	3 1/4"	83	4	5	1	3.28
	MSI-85-R	3 5/16"	85	4	5	1	3.28
	MSI-89-R	3 1/2"	89	4	5	1	3.28
	MSI-102-R	4"	102	4	5	1	3.28
	MSI-127-R	5"	127	4	5	1	3.28
  MANGUERA SILICÓN 1 PUENTE	MSI-45-1P	1 3/4"	45	4	5		
	MSI-51-1P	2"	51	4	5		
	MSI-55-1P	2 1/8"	55	4	5		
	MSI-60-1P	2 3/8"	60	4	5		
	MSI-63-1P	2 1/2"	63	4	5		
	MSI-70-1P	2 3/4"	70	4	5		
	MSI-76-1P	3"	76	4	5		
	MSI-80-1P	3 1/8"	80	4	5		
	MSI-89-1P	3 1/2"	89	4	5		
	MSI-102-1P	4"	102	4	5		

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (PULG)	DIÁMETRO INTERNO (MM)	LONAS DE REFUERZO	ESPESOR (MM)
  MANGUERA SILICÓN 2 PUEDES	MSI-45-2P	1 3/4"	45	4	5
	MSI-51-2P	2"	51	4	5
	MSI-55-2P	2 1/8"	55	4	5
	MSI-60-2P	2 3/8"	60	4	5
	MSI-63-2P	2 1/2"	63	4	5
	MSI-70-2P	2 3/4"	70	4	5
	MSI-76-2P	3"	76	4	5
	MSI-80-2P	3 1/8"	80	4	5
	MSI-89-2P	3 1/2"	89	4	5
	MSI-102-2P	4"	102	4	5
  MANGUERA SILICÓN RECTA REDUCTORA	MSI-19-13-RT	3/4" x 1/2"	19-13	3	4
	MSI-19-16-RT	3/4" x 5/8"	19-16	3	4
	MSI-28-22-RT	1 1/8" x 7/8"	28-22	3	4
	MSI-32-28-RT	1 1/4" x 1 1/8"	32-28	3	4
	MSI-35-25-RT	1 3/8" x 1"	35-25	3	4
	MSI-35-32-RT	1 3/8" x 1 1/4"	35-32	3	4
	MSI-38-22-RT	1 1/2" x 7/8"	38-22	3	4
	MSI-38-32-RT	1 1/2" x 1 1/4"	38-32	3	4
	MSI-38-35-RT	1 1/2" x 1 3/8"	38-35	3	4
	MSI-40-35-RT	1 5/8" x 1 3/8"	40-35	4	5
	MSI-51-38-RT	2" x 1 1/2"	51-38	4	5
	MSI-51-45-RT	2" x 1 3/4"	51-45	4	5
	MSI-54-51-RT	2 1/8" x 2"	54-51	4	5
	MSI-57-51-RT	2 1/4" x 2"	57-51	4	5
	MSI-60-50-RT	2 3/8" x 2"	60-50	4	5
	MSI-63-51-RT	2 1/2" x 2"	63-51	4	5
	MSI-70-50-RT	2 3/4" x 2"	70-50	4	5
	MSI-70-57-RT	2 3/4" x 2 1/4"	70-57	4	5
	MSI-70-60-RT	2 3/4" x 2 3/8"	70-60	4	5
	MSI-76-51-RT	3" x 2"	76-51	4	5
	MSI-76-63-RT	3" x 2 1/2"	76-63	4	5
	MSI-76-67-RT	3" x 2 5/8"	76-67	4	5
	MSI-80-60-RT	3 1/8" x 2 3/8"	80-60	4	5
	MSI-80-70-RT	3 1/8" x 2 3/4"	80-70	4	5
	MSI-80-76-RT	3 1/8" x 3"	80-76	4	5
	MSI-89-80-RT	3 1/2" x 3 1/8"	89-80	4	5
	MSI-102-76-RT	4" x 3"	102-76	4	5
	MSI-102-80-RT	4" x 3 1/8"	102-80	4	5
	MSI-102-89-RT	4" x 3 1/2"	102-89	4	5
	MSI-127-100-RT	5" x 4"	127-100	4	5

TIPO DE MANGUERA	CÓDIGO	DIÁMETRO INTERNO (PULG)	DIÁMETRO INTERNO (MM)	LONAS DE REFUERZO	ESPESOR (MM)
  MANGUERA SILICÓN CODO 45°	MSI-08-45	5/16"	8	3	4
	MSI-13-45	1/2"	13	3	4
	MSI-19-45	3/4"	19	3	4
	MSI-22-45	7/8"	22	3	4
	MSI-25-45	1"	25	3	4
	MSI-30-45	1 1/8"	30	3	4
	MSI-32-45	1 1/4"	32	3	4
	MSI-35-45	1 3/8"	35	3	4
	MSI-41-45	5/8"	41	4	5
	MSI-45-45	1 3/4"	45	4	5
	MSI-48-45	1 7/8"	48	4	5
	MSI-51-45	2"	51	4	5
	MSI-55-45	2 1/8"	55	4	5
	MSI-57-45	2 1/4"	57	4	5
	MSI-60-45	2 3/8"	60	4	5
	MSI-63-45	2 1/2"	63	4	5
	MSI-65-45	2 5/8"	65	4	5
	MSI-70-45	2 3/4"	70	4	5
	MSI-76-45	3"	76	4	5
	MSI-80-45	3 1/8"	80	4	5
	MSI-83-45	3 1/4"	83	4	5
	MSI-89-45	3 1/2"	89	4	5
	MSI-102-45	4"	102	4	5
  MANGUERA SILICÓN CODO 90°	MSI-08-90	5/16"	8	3	4
	MSI-10-90	3/8"	10	3	4
	MSI-13-90	1/2"	13	3	4
	MSI-16-90	5/8"	16	3	4
	MSI-19-90	3/4"	19	3	4
	MSI-22-90	7/8"	22	3	4
	MSI-25-90	1"	25	3	4
	MSI-28-90	1 3/16"	28	3	4
	MSI-30-90	1 1/8"	30	3	4
	MSI-32-90	1 1/4"	32	3	4
	MSI-35-90	1 3/8"	35	3	4
	MSI-38-90	1 1/2"	38	3	4
	MSI-41-90	1 5/8"	41	4	5
	MSI-45-90	1 3/4"	45	4	5
	MSI-48-90	1 7/8"	48	4	5
	MSI-51-90	2"	51	4	5
	MSI-55-90	2 1/8"	55	4	5
	MSI-57-90	2 1/4"	57	4	5
	MSI-60-90	2 3/8"	60	4	5
	MSI-63-90	2 1/2"	63	4	5
	MSI-65-90	2 5/8"	65	4	5
	MSI-70-90	2 3/4"	70	4	5
	MSI-80-90	3 1/8"	80	4	5
	MSI-83-90	3 1/4"	83	4	5
	MSI-89-90	3 1/2"	89	4	5
	MSI-102-90	4"	102	4	5

TIPO DE CONEXIÓN	CÓDIGO	MEDIDA	CAJA
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MANITOS / GLADHAND

GHI-001	1/2"	100 / 2
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TIPO DE CONEXIÓN	CÓDIGO	MEDIDA	CAJA
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FERRULES PARA MANGUERA
AIRE ACONDICIONADO

FAC-06	5/16"	100
FAC-08	13/32"	100
FAC-10	1/2"	100
FAC-12	5/8"	100

PUSH IN (RECTA)
COLOR NEGRO

PNZI-04	1/4"	2000 / 100
PNZI-05	5/16"	2000 / 100
PNZI-06	3/8"	3000 / 150
PNZI-08	1/2"	1000 / 50

PUSH IN (RECTA)
COLOR AZUL

PAZI-6M	6 MM	2000 / 100
PAZI-8M	8 MM	2000 / 100
PAZI-10M	10 MM	3000 / 150
PAZI-12M	12 MM	1000 / 50

PUSH IN (CODO)
COLOR NEGRO

PNEI-04	1/4"	2000 / 100
PNEI-05	5/16"	2000 / 100
PNEI-06	3/8"	3000 / 150
PNEI-08	1/2"	1000 / 50

PUSH IN (CODO)
COLOR AZUL

PAEI-6M	6 MM	2000 / 100
PAEI-8M	8 MM	2000 / 100
PAEI-10M	10 MM	3000 / 150
PAEI-12M	12 MM	1000 / 50



PUSH IN (T) COLOR NEGRO

PNTI-04	1/4"	2000 / 100
PNTI-05	5/16"	2000 / 100
PNTI-06	3/8"	3000 / 150
PNTI-08	1/2"	1000 / 50



PUSH IN (T) COLOR AZUL

PATI-6M	6 MM	2000 / 100
PATI-8M	8 MM	2000 / 100
PATI-10M	10 MM	3000 / 150
PATI-12M	12 MM	1000 / 50



PUSH IN (Y) COLOR NEGRO

PNYI-04	1/4"	2000 / 100
PNYI-05	5/16"	2000 / 100
PNYI-06	3/8"	3000 / 150
PNYI-08	1/2"	1000 / 50



PUSH IN (Y) COLOR AZUL

PAYI-6M	6 MM	2000 / 100
PAYI-8M	8 MM	2000 / 100
PAYI-10M	10 MM	3000 / 150
PAYI-12M	12 MM	1000 / 50

PUSH IN (SILENCIADOR)
COLOR NEGRO

PNSI-04	1/4"	2000 / 100
PNSI-05	5/16"	2000 / 100
PNSI-06	3/8"	3000 / 150
PNSI-08	1/2"	1000 / 50

PUSH IN (SILENCIADOR)
COLOR AZUL

PASI-6M	6 MM	2000 / 100
PASI-8M	8 MM	2000 / 100
PASI-10M	10 MM	3000 / 150
PASI-12M	12 MM	1000 / 50

TIPO DE CONEXIÓN	CÓDIGO	MEDIDA TUB X ROS NPT	CAJA
 PUSH IN (REDUCTOR) COLOR NEGRO	PNRI-04-02	1/4" X 1/8"	2000 / 100
	PNRI-05-02	5/16" X 1/8"	2000 / 100
	PNRI-05-04	5/16" X 1/4"	2000 / 100
	PNRI-06-02	3/8" X 1/8"	3000 / 150
	PNRI-06-04	3/8" X 1/4"	3000 / 150
	PNRI-08-04	1/2" X 1/4"	1000 / 50
 PUSH IN MACHO (RECTO) COLOR NEGRO	PNRI-08-06	1/2" X 3/8"	1000 / 50
	PNMSI-04-02	1/4" X 1/8"	2000 / 100
	PNMSI-04-04	1/4" X 1/4"	2000 / 100
	PNMSI-04-06	1/4" X 3/8"	2000 / 100
	PNMSI-05-02	5/16" X 1/8"	2000 / 100
	PNMSI-05-04	5/16" X 1/4"	2000 / 100
 PUSH IN MACHO (CODO) COLOR NEGRO	PNMSI-05-06	5/16" X 3/8"	2000 / 100
	PNMSI-06-02	3/8" X 1/8"	3000 / 150
	PNMSI-06-04	3/8" X 1/4"	3000 / 150
	PNMSI-06-06	3/8" X 3/8"	3000 / 150
	PNMSI-06-08	3/8" X 1/2"	3000 / 150
	PNMSI-08-04	1/2" X 1/4"	1000 / 50
 PUSH IN MACHO (T) COLOR NEGRO	PNMSI-08-06	1/2" X 3/8"	1000 / 50
	PNMSI-08-08	1/2" X 1/2"	1000 / 50
	PNMCI-04-02	1/4" X 1/8"	2000 / 100
	PNMCI-04-04	1/4" X 1/4"	2000 / 100
	PNMCI-04-06	1/4" X 3/8"	2000 / 100
	PNMCI-05-02	5/16" X 1/8"	2000 / 100
 PUSH IN MACHO (CODO) COLOR AZUL	PNMCI-05-04	5/16" X 1/4"	2000 / 100
	PNMCI-06-02	3/8" X 1/8"	3000 / 150
	PNMCI-06-04	3/8" X 1/4"	3000 / 150
	PNMCI-06-06	3/8" X 3/8"	3000 / 150
	PNMCI-06-08	3/8" X 1/2"	3000 / 150
	PNMCI-08-04	1/2" X 1/4"	1000 / 50
 PUSH IN MACHO (RECTO) COLOR AZUL	PNMCI-08-06	1/2" X 3/8"	1000 / 50
	PNMCI-08-08	1/2" X 1/2"	1000 / 50
	PNMTI-04-02	1/4" X 1/8"	2000 / 100
	PNMTI-04-04	1/4" X 1/4"	2000 / 100
	PNMTI-04-06	1/4" X 3/8"	2000 / 100
	PNMTI-05-02	5/16" X 1/8"	2000 / 100
 PUSH IN MACHO (T) COLOR AZUL	PNMTI-05-04	5/16" X 1/4"	2000 / 100
	PNMTI-05-06	5/16" X 3/8"	2000 / 100
	PNMTI-06-02	3/8" X 1/8"	3000 / 150
	PNMTI-06-04	3/8" X 1/4"	3000 / 150
	PNMTI-06-06	3/8" X 3/8"	3000 / 150
	PNMTI-06-08	3/8" X 1/2"	3000 / 150
 PUSH IN MACHO (RECTO) COLOR NEGRO	PNMTI-08-04	1/2" X 1/4"	1000 / 50
	PNMTI-08-06	1/2" X 3/8"	1000 / 50
	PNMTI-08-08	1/2" X 1/2"	1000 / 50
	PNMTI-08-04	1/2" X 1/4"	1000 / 50
	PNMTI-08-06	1/2" X 3/8"	1000 / 50
	PNMTI-08-08	1/2" X 1/2"	1000 / 50

TIPO DE CONEXIÓN	CÓDIGO	MEDIDA TUB X ROS NPT	CAJA
 PUSH IN MACHO (Y) COLOR NEGRO	PNMYI-04-02	1/4" X 1/8"	2000 / 100
	PNMYI-04-04	1/4" X 1/4"	2000 / 100
	PNMYI-04-06	1/4" X 3/8"	2000 / 100
	PNMYI-05-02	5/16" X 1/8"	2000 / 100
	PNMYI-05-04	5/16" X 1/4"	2000 / 100
	PNMYI-05-06	5/16" X 3/8"	2000 / 100
 PUSH IN (REDUCTOR) COLOR AZUL	PNMYI-06-02	3/8" X 1/8"	3000 / 150
	PNMYI-06-04	3/8" X 1/4"	3000 / 150
	PNMYI-06-06	3/8" X 3/8"	3000 / 150
	PNMYI-06-08	3/8" X 1/2"	3000 / 150
	PNMYI-08-04	1/2" X 1/4"	1000 / 50
	PNMYI-08-06	1/2" X 3/8"	1000 / 50
 PUSH IN MACHO (RECTO) COLOR AZUL	PNMYI-08-08	1/2" X 1/2"	1000 / 50
	PARI-6-4M	6 X 4 MM	2000 / 100
	PARI-8-4M	8 X 4 MM	2000 / 100
	PARI-8-6M	8 X 6 MM	2000 / 100
	PARI-10-6M	10 X 6 MM	3000 / 150
	PARI-10-8M	10 X 8 MM	3000 / 150
 PUSH IN MACHO (RECTO) COLOR AZUL	PARI-12-6M	12 X 6 MM	1000 / 50
	PARI-12-8M	12 X 8 MM	1000 / 50
	PARI-12-10M	12 X 10 MM	1000 / 50
	PAMSI-6M-02	6 MM X 1/8"	2000 / 100
	PAMSI-6M-04	6 MM X 1/4"	2000 / 100
	PAMSI-6M-06	6 MM X 3/8"	2000 / 100
 PUSH IN MACHO (RECTO) COLOR AZUL	PAMSI-8M-04	8 MM X 1/4"	2000 / 100
	PAMSI-8M-06	8 MM X 3/8"	2000 / 100
	PAMSI-8M-08	8 MM X 1/2"	2000 / 100
	PAMSI-10M-04	10 MM X 1/4"	3000 / 150
	PAMSI-10M-06	10 MM X 3/8"	3000 / 150
	PAMSI-10M-08	10 MM X 1/2"	3000 / 150
 PUSH IN MACHO (RECTO) COLOR AZUL	PAMSI-12M-04	12 MM X 1/4"	1000 / 50
	PAMSI-12M-06	12 MM X 3/8"	1000 / 50
	PAMSI-12M-08	12 MM X 1/2"	1000 / 50
	PAMCI-6M-02	6 MM X 1/8"	2000 / 100
	PAMCI-6M-04	6 MM X 1/4"	2000 / 100
	PAMCI-6M-06	6 MM X 3/8"	2000 / 100
 PUSH IN MACHO (RECTO) COLOR AZUL	PAMCI-8M-04	8 MM X 1/4"	2000 / 100
	PAMCI-8M-06	8 MM X 3/8"	2000 / 100
	PAMCI-8M-08	8 MM X 1/2"	2000 / 100
	PAMCI-10M-04	10 MM X 1/4"	3000 / 150
	PAMCI-10M-06	10 MM X 3/8"	3000 / 150
	PAMCI-10M-08	10 MM X 1/2"	3000 / 150
 PUSH IN MACHO (RECTO) COLOR AZUL	PAMCI-12M-04	12 MM X 1/4"	1000 / 50
	PAMCI-12M-06	12 MM X 3/8"	1000 / 50
	PAMCI-12M-08	12 MM X 1/2"	1000 / 50
	PAMCI-12M-02	12 MM X 3/8"	1000 / 50
	PAMCI-12M-06	12 MM X 3/8"	1000 / 50
	PAMCI-12M-08	12 MM X 1/2"	1000 / 50

TIPO DE CONEXIÓN	CÓDIGO	MEDIDA TUB X ROS NPT	CAJA
  PUSH IN MACHO (T) COLOR AZUL	PAMTI-6M-02	6 MM X 1/8"	2000 / 100
	PAMTI-6M-04	6 MM X 1/4"	2000 / 100
	PAMTI-6M-06	6 MM X 3/8"	2000 / 100
	PAMTI-8M-04	8 MM X 1/4"	2000 / 100
	PAMTI-8M-06	8 MM X 3/8"	2000 / 100
	PAMTI-8M-08	8 MM X 1/2"	2000 / 100
	PAMTI-10M-04	10 MM X 1/4"	3000 / 150
	PAMTI-10M-06	10 MM X 3/8"	3000 / 150
	PAMTI-10M-08	10 MM X 1/2"	3000 / 150
	PAMTI-12M-04	12 MM X 1/4"	1000 / 50
	PAMTI-12M-06	12 MM X 3/8"	1000 / 50
	PAMTI-12M-08	12 MM X 1/2"	1000 / 50
  PUSH IN MACHO (Y) COLOR AZUL	PAMYI-6M-02	6 MM X 1/8"	2000 / 100
	PAMYI-6M-04	6 MM X 1/4"	2000 / 100
	PAMYI-6M-06	6 MM X 3/8"	2000 / 100
	PAMYI-8M-02	8 MM X 1/8"	2000 / 100
	PAMYI-8M-04	8 MM X 1/4"	2000 / 100
	PAMYI-8M-06	8 MM X 3/8"	2000 / 100
	PAMYI-10M-04	10 MM X 1/4"	3000 / 150
	PAMYI-10M-06	10 MM X 3/8"	3000 / 150
	PAMYI-10M-08	10 MM X 1/2"	3000 / 150
	PAMYI-12M-04	12 MM X 1/4"	1000 / 50
	PAMYI-12M-06	12 MM X 3/8"	1000 / 50
	PAMYI-12M-08	12 MM X 1/2"	1000 / 50

TIPO DE ABRAZADERA	CÓDIGO	DIÁMETRO MÍN - MÁX (PULG)	DIÁMETRO MÍN - MÁX (MM)	ANCHO DE BANDA (MM)	CAJA
  90 % ACERO INOXIDABLE	AMI-04-8M	7/32" - 5/8"	5,6 - 16	8	2000 / 50
	AMI-06-8M	7/16" - 25/32"	11 - 20	8	2000 / 50
	AMI-08-8M	1/2" - 29/32"	13 - 23	8	2000 / 50
	AMI-10-12M	9/16" - 1 1/16"	14 - 27	12,7	1000 / 50
	AMI-12-12M	11/16" - 1 1/4"	17 - 32	12,7	800 / 20
	AMI-16-12M	13/16" - 1 1/2"	21 - 38	12,7	800 / 20
	AMI-20-12M	13/16" - 1 3/4"	21 - 44	12,7	800 / 20
	AMI-24-12M	1 1/16" - 2"	27 - 51	12,7	500 / 20
	AMI-28-12M	1 5/16" - 2-1/4"	33 - 57	12,7	500 / 20
	AMI-32-12M	1 9/16" - 2 1/2"	40 - 64	12,7	300 / 10
	AMI-36-12M	1 13/16" - 2 3/4"	46 - 70	12,7	300 / 10
	AMI-40-12M	2 1/16" - 3"	52 - 76	12,7	200 / 10
	AMI-44-12M	2 5/16" - 3 1/4"	59 - 83	12,7	200 / 10
	AMI-48-12M	2 9/16" - 3 1/2"	65 - 89	12,7	160 / 10
	AMI-52-12M	2 13/16" - 3 3/4"	71 - 95	12,7	160 / 10
	AMI-56-12M	3 1/16" - 4"	78 - 102	12,7	160 / 10
	AMI-60-12M	3 5/16" - 4 1/2"	84 - 108	12,7	160 / 10
	AMI-64-12M	3 1/2" - 4 1/2"	90 - 114	12,7	160 / 10
	AMI-72-12M	4" - 5"	103 - 127	12,7	160 / 10
	AMI-80-12M	4 5/8" - 5 1/2"	117 - 140	12,7	160 / 10
  100 % ACERO INOXIDABLE	AAI-04-8M	7/32" - 5/8"	5,6 - 16	8	2000 / 50
	AAI-06-8M	7/16" - 25/32"	11 - 20	8	2000 / 50
	AAI-08-8M	1/2" - 29/32"	13 - 23	8	2000 / 50
	AAI-10-12M	9/16" - 1 1/16"	14 - 27	12,7	1000 / 50
	AAI-12-12M	11/16" - 1 1/4"	17 - 32	12,7	800 / 20
	AAI-16-12M	13/16" - 1 1/2"	21 - 38	12,7	800 / 20
	AAI-20-12M	13/16" - 1 3/4"	21 - 44	12,7	800 / 20
	AAI-24-12M	1 1/16" - 2"	27 - 51	12,7	500 / 20
	AAI-28-12M	1 5/16" - 2-1/4"	33 - 57	12,7	500 / 10
	AAI-32-12M	1 9/16" - 2 1/2"	40 - 64	12,7	300 / 10
	AAI-36-12M	1 13/16" - 2 3/4"	46 - 70	12,7	300 / 10
	AAI-40-12M	2 1/16" - 3"	52 - 76	12,7	200 / 10
	AAI-44-12M	2 5/16" - 3 1/4"	59 - 83	12,7	200 / 10
	AAI-48-12M	2 9/16" - 3 1/2"	65 - 89	12,7	160 / 10
	AAI-52-12M	2 13/16" - 3 3/4"	71 - 95	12,7	160 / 10
	AAI-56-12M	3 1/16" - 4"	78 - 102	12,7	160 / 10
	AAI-60-12M	3 5/16" - 4 1/2"	84 - 108	12,7	160 / 10
	AAI-64-12M	3 1/2" - 4 1/2"	90 - 114	12,7	160 / 10
	AAI-72-12M	4" - 5"	103 - 127	12,7	160 / 10
	AAI-80-12M	4 5/8" - 5 1/2"	117 - 140	12,7	160 / 10
	AAI-88-12M	5 1/8" - 6"	130 - 152	12,7	160 / 10
	AAI-96-12M	5 1/2" - 6 1/2"	141 - 165	12,7	160 / 10
	AAI-104-12M	6 1/8" - 7"	157 - 178	12,7	160 / 10

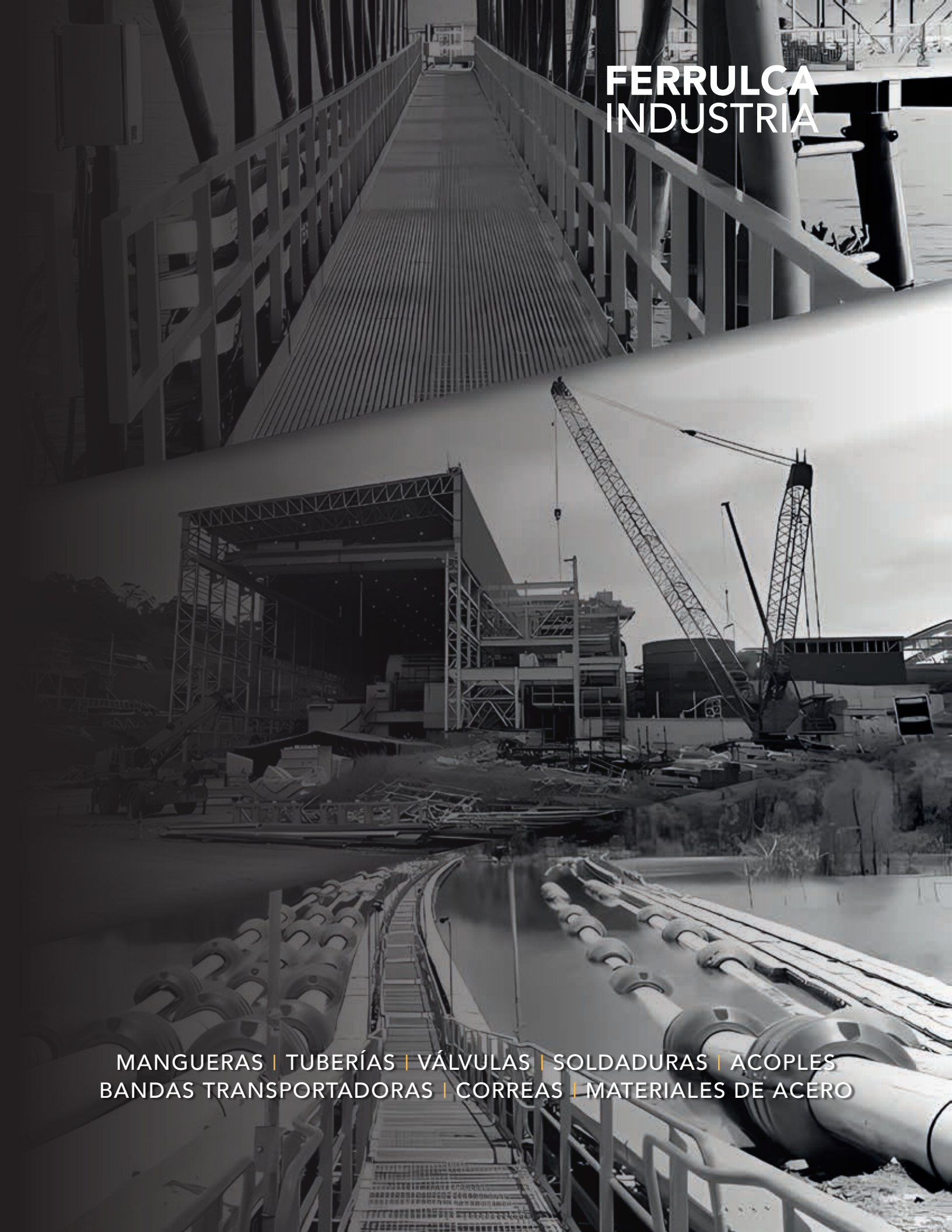
TIPO DE ABRAZADERA	CÓDIGO	DIÁMETRO MÍN - MÁX (PULG)	DIÁMETRO MÍN - MÁX (MM)	ANCHO DE BANDA (MM)	CAJA
  100 % ACERO INOXIDABLE	IX-500	1" - 1 1/8"	24 - 26	21	200
	IX-501	1 1/16" - 1 3/16"	27 - 30	21	200
	IX-502	1 7/32" - 1 5/16"	31 - 33	21	200
	IX-503	1 11/32" - 1 13/32"	34 - 36	21	200
	IX-504	1 15/32" - 1 9/16"	37 - 40	21	200
	IX-505	1 9/16" - 1 23/32"	40 - 44	21	200
	IX-506	1 23/32" - 1 7/8"	44 - 48	21	200
	IX-507	1 7/8" - 2 1/16"	48 - 52	21	200
	IX-508	2 1/16" - 2 1/4"	52 - 57	21	100
	IX-509	2 1/4" - 2 7/16"	57 - 62	21	100
	IX-510	2 7/16" - 2 5/8"	62 - 67	21	100
	IX-511	2 5/8" - 2 27/32"	67 - 72	21	50
	IX-512	2 27/32" - 3 1/16"	72 - 78	21	50
	IX-513	3 1/16" - 3 5/16"	78 - 84	21	50
	IX-514	3 5/16" - 3 17/32"	84 - 90	21	50
	IX-515	3 17/32" - 3 25/32"	90 - 96	21	50
	IX-516	3 25/32" - 4"	96 - 102	21	50
	IX-517	4" - 4 1/4"	102 - 108	21	50
	IX-518	4 1/4" - 4 1/2"	108 - 114	21	50
	IX-519	4 1/2" - 4 23/32"	114 - 120	21	50
	IX-520	4 23/32" - 5 1/32"	120 - 128	21	50
	IX-521	5 1/32" - 5 11/32"	128 - 136	21	50
	IX-522	5 11/32" - 5 21/32"	136 - 144	21	25
	IX-523	5 21/32" - 6 1/16"	144 - 154	21	25
	IX-524	6 1/16" - 6 15/32"	154 - 164	21	25
	IX-525	6 15/32" - 6 27/32"	164 - 174	21	25
	IX-526	6 7/8" - 7 3/8"	175 - 187	21	25
	IX-527	7 13/32" - 7 7/8"	188 - 200	21	20
	IX-528	7 29/32" - 8 3/8"	201 - 213	21	20
	IX-529	8 7/16" - 8 29/32"	214 - 226	21	20

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