ACOPLES INDUSTRIALES

UMA

CATÁLOGO DE PRODUCTOS

ACOPLES INDUSTRIALES

QUIENES SOMOS

Acoples industriales nace en 1995 con el fin de atender la demanda de productos industriales enfocándose en la fabricación de acoples para mangueras hidráulicas e industriales. Siempre atentos a suplir nuevas necesidades evolucionando permanentemente ofreciendo soluciones rápidas, seguras y económicas dando la mejor relación costo-beneficio.

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ACOPLES INDUSTRIALES

Cra 65 N 25 - 128 PBX: 235 84 35 - 444 35 35
acopleswsa@une.net.co
www.acopleswsa.com.co

CAPSULA R2

CODIGO	MANGUERA
C2W-03	3/16
C2W-04	1/4
C2W-05	5/16
C2W-06	3/8
C2W-08	1/2
C2W-1O	5/8
C2W-12	3/4
C2W-16	1
C2W-20	1 1/4
C2W-24	1 1/2
C2W-32	2

CAPSULA R7

CODIGO	MANGUERA
C7W-04	1/4
C7W-06	3/8
C7W-08	1/2

CAPSULA R12

CODIGO	MANGUERA
C4W-06	3/8
C4W-08	1/2
C4W-10	5/8
C4W-12	3/4
C4W-16	1
C4W-20	1 1/4
C4W-24	1 1/2
C4W-32	2

CAPSULA R115

CODIGO	MANGUERA
C115ALW-02	1/8
C115ALW-03	3/16
C115ALW-04	1/4
C115ALW-05	5/16
C115ALW-06	13/32
C115ALW-08	1/2
C115ALW-10	5/8
C115ALW-16	7/8

CAPSULA R13

CODIGO	MANGUERA
C6TW-12	3/4
C6TW-16	1
C6TW-20	1 1/4
C6TW-24	1 1/2
C6TW-32	2

CAPSULA R115 EN ACERO INOXIDABLE

CODIGO	MANGUERA
C115IW-02	1/8
C115IW-03	3/16
C115IW-04	1/4
C115IW-05	5/16
C115IW-06	13/32
C115IW-08	1/2
C115IW-10	5/8
C115IW-16	7/8

CAPSULA R2 ALUMINIO

CODIGO	MANGUERA
C2LW-04	1/4
C2LW-05	5/16
C2LW-06	3/8
C2LW-08	1/2
C2LW-10	5/8
C2LW-12	3/4
C2LW-16	1
C2LW-20	1 1/4
C2LW-24	1 1/2
C2LW-32	2

CAPSULA VAPOR

CODIGO	MANGUERA
CVW-08	1/2
CVW-10	5/8
CVW-12	3/4
CVW-16	1
CVW-20	1 1/4

MACHOS

MACHO BI NPT

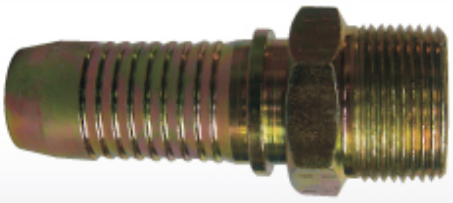
CODIGO	MANGUERA
MBTW-03-02	3/16 x 1/8
MBTW-04-02	1/4 x 1/8
MBTW-04-04	1/4 x 1/4
MBTW-05-04	5/16 x 1/4
MBTW 06-04	3/8 x 1/4
MBTW 06-06	3/8 x 3/8
MBTW 06-08	3/8 X 1/2
MBTW 08-06	1/2 x 3/8
MBTW 08-08	1/2 x 1/2
MBTW 08-12	1/2 x 3/4
MBTW 10-08	5/8 x 1/2
MBTW 10-12	5/8 x 3/4
MBTW 12-08	3/4 x 1/2
MBTW 12-12	3/4 x 3/4
MBTW 12-16	3/4 x 1
MBTW 16-12	1 x 3/4
MBTW 16-16	1 x 1
MBTW 16-20	1 x 1 1/4
MBTW 20-20	1 1/4 x 1 1/4
MBTW 24-24	1 1/2 x 1**1/2**
MBTW 32-32	2 x 2

MACHO R2 NPT

CODIGO	MANGUERA
M2TW-03-02	3/16 x 1/8
M2TW-04-02	1/4 x 1/8
M2TW-04-04	1/4 x 1/4
M2TW--05-04	5/16 x 1/4
M2TW- 06-04	3/8 x 1/4
M2TW 06-06	3/8 x 3/8
M2TW 06-08	3/8 X 1/2
M2TW 08-06	1/2 x 3/8
M2TW 08-08	1/2 x 1/2
M2TW 08-12	1/2 x 3/4
M2TW 10-08	5/8 x 1/2
M2TW 10-12	5/8 x 3/4
M2TW 12-08	3/4 x 1/2
M2TW 12-12	3/4 x 3/4
M2TW 12-16	3/4 x 1
M2TW 16-12	1 x 3/4
M2TW 16-16	1 x 1
M2TW 16-20	1 x 1 1/4
M2TW 20-20	1 1/4 x 1 1/4
M2TW 24-24	1 1/2 x 1**1/2**
M2TW 32-32	2 x 2

MACHO R9 NPT

CODIGO	MANGUERA
M4TW 06-06	3/8 x 3/8
M4TW 08-08	1/2 x 1/2
M4TW 10-08	5/8 x 1/2
M4TW 10-12	5/8 x 3/4
M4TW 12-12	3/4 x 3/4
M4TW 16-16	1 x 1
M4TW 20-20	1 1/4 x 1 1/4
M4TW 24-24	1 1/2 x 1 1/2
M4TW 32-32	2 x 2



MACHO R2 JIC

CODIGO	MANGUERA
M2JW 03-04	3/16 x 7/16
M2JW 04-04	1/4 x 7/16
M2JW 04-05	1/ 4x 1/2
M2JW 04-06	1/4 x 9/16
M2JW 06-06	3/8 x 9/16
M2JW 06-07	3/8 x 5/8
M2JW 06-08	3/8 x 3/4
M2JW 06-10	3/8 x 7/8
M2JW 08-08	1/2 x 3/4
M2JW 08-10	1/2 x 7/8
M2JW 10-10	5/8 x 7/8
M2JW 10-12	5/8 x 1 1/16
M2JW 12-12	3/4 x 1 1/16
M2JW 12-14	3/4 x 1 3/16
M2JW 16-16	1 x 1 5/16
M2JW 20-20	1 1/4 x 1 5/8
M2JW 24-24	1 1/2 x 1 7/8
M2JW 32-32	2 x 2 1/2

MACHO R-9 JIC

CODIGO	MANGUERA
M4JW 06-06	3/8 x 9/16
M4JW 06-08	3/8 x 3/4
M4JW 08-08	1/2 x 3/4
M4JW 08-10	1/2x 3/4
M4JW 10-10	5/8 x 7/8
M4JW 10-12	5/8 x 1 1/16
M4JW 12-12	3/4 X 1 1/16
M4JW 16-16	1x 1 5/16
M4JW 20-20	1 1/4 x 15/8
M4JW 24-24	1 1/2 x 1 7/8
M4JW 32-32	2 x 2 1/2

MACHOS R2 ORS

CODIGO	MANGUERA
M2OW- 04-04	1/4 x 9 /16
M2OW- 06-06	3/8 x 11/16
M2OW-08-08	1/2 x 13/16
M2OW- 10-10	5/8 x 1
M2OW- 12-12	3/4 x 1 3/16
M2OW- 16-16	1 x 1 7/16

MACHO R2 CONICO RECORTADO - O RING

CODIGO	MANGUERA
M2RW 04-04	1/4 x 7/16
M2RW 04-05	1/ 4x 1/2
M2RW 04-06	1/4 x 9/16
M2RW 06-08	3/8 x 3/4
M2RW 06-06	3/8 x 9/16
M2RW 06-07	3/8 x 5/8
M2RW 06-10	3/8 x 7/8
M2RW 08-08	1/2 x 3/4
M2RW 08-10	1/2 x 7/8
M2RW 10-10	5/8 x 7/8
M2RW 10-12	5/8 x 1 1/16
M2RW 12-12	3/4 x 1 1/16
M2RW 12-14	3/4 x 1 3/16
M2RW 16-16	1 x 1 5/16
M2RW 20-20	1 1/4 x 1 5/8
M2RW 24-24	1 1/2 x 1 7/8
M2RW 32-32	2 x 2 1/2

MACHO R-9 CONICO RECORTADO - O RING

CODIGO	MANGUERA
M4RW 06-06	3/8 x 9/16
M4RW 06-07	3/8 x 3/4
M4RW 08-08	1/2 x 3/4
M4RW 08-10	1/2 x 7/8
M4RW 10-10	5/8 x 7/8
M4RW 10-12	5/8 x 1 1/16
M4RW 12-12	3/4 x 1 1/16
M4RW 16-16	1 x 1 5/16
M4RW 20-20	1 1/4 x 1 5/8
M4RW 24-24	1 1/2 x 1 7/8
M4RW 32-32	2 x 2 1/2

MACHO R9 ORS

CODIGO	MANGUERA
M4OW- 06-06	3/8 x 11/16
M4OW-08-08	1/2x 13/16
M4OW- 10-10	5/8 x 1
M4OW- 12-12	3/4 x 1 3/16
M4OW- 16-16	1 x 1 7/16
M4OW- 20-20	1 1/4 x 1 11/16

MACHO R9 MILIMETRICO DIN LIVIANO

CODIGO	MANGUERA
M4DMLW-06-16	3/8 x 16 DINL
M4DMLW-06-18	3/8 x 18 DINL
M4DMLW-08-22	1/2 x 22DINL
M4DMLW-10-26	5/8 x 26 DINL
M4DMLW-12-30	3/4 x 30 DINL
M4DMLW-16-36	1 X 36 DINL
M4DMLW-20-45	1 1/4x45 DINL

MACHO R9 KOBELCO

CODIGO	MANGUERA
M4KW 12-30	3/4 x 30 mm
M4KW 12-33	3/4x1 BSP/O'R
M4KW 12- 36	3/4 x 36 mm
M4KW 16-36	1 x 36 mm
M4KW 16-45	1 x 45 mm

MACHO R9 MILIMETRICO ICO PESADO

CODIGO	MANGUERA
M4DMSW-06-20	3/8 x 20 DINS
M4DMSW-12-24	1/2 x 24 DINS
M4DMSW-10-30	5/8 x 30 DINS
M4DMSW-12-36	3/4 x 36 DINS
M4DMSW-16-42	1 x 42 DINS
M4DMSW-20-52	1 1/4 x 52 DINS

MACHO S96 NPT

CODIGO	MANGUERA
MSAW 04	1/4
MSAW 06	3/8
MSAW 08	1/2
MSAW 12	3/4
MSAW 16	1
MSAW 20	1 1/4
MSAW 24	1 1/2
MSAW 32	2

HEMBRAS

HEMBRA S96 NPT

CODIGO	MANGUERA
HS96AW-04	1/4
HS96AW-06	3/8
HS96AW-08	1/2
HS96AW-12	3/4
HS96AW-16	1
HS96AW-20	1 1/4
HS96AW-24	1 1/2
HS96AW-32	2

HEMBRA BI NPS

CODIGO	MANGUERA
HBNW 04	1/4
HBNW 06	3/8
HBNW 08	1/2
HBNW 12	3/4
HBNW 16	1
HBNW 20	1 1/4
HBNW 24	1 1/2
HBNW 32	2

HEMBRA R2 JIC

CODIGO	MANGUERA
H2JW 03-04	3/16 x 7/16
H2JW 04-04	1/4 x 7/16
H2JW 04-05	1/4 x 1/2
H2JW 04-06	1/4 x 9/16
H2JW-05-06	5/16 x 9/16
H2JW-05-07	5/16 x 5/8
H2JW 06-06	3/8 x 9/16
H2JW 06-07	3/8 x 5/8
H2JW 06-08	3/8 x 3/4
H2JW 08-08	3/8 x 7/8
H2JW 08-10	**1/2** x 3/4
H2JW 10-10	**1/2** x 7/8
H2JW 10-12	5/8 x 7/8
H2JW 12-10	5/8 x 1 1/16
H2JW 12-12	3/4 x 1 1/16
H2JW 12-14	3/4 x 1 3/16
H2JW 16-16	1 x 1 5/16
H2JW 20-20	1 1/4 x 1 5/8
H2JW 24-24	1 **1/2** x 1 7/8
H2JW 32-32	2 x 2 ½

HEMBRA R2 JIC 90 GRADOS

CÓDIGO	MANGUERA
H2J90W 03-04	3/16 x 7/16
H2J90W 04-04	1/4 x 7/16
H2J90W 04-05	1/ 4x 1/2
H2J90W 04-06	1/4 x 9/16
H2J90W 06-06	3/8 x 9/16
H2J90W 06-07	3/8 x 5/8
H2J90W 06-08	3/8 x 3/4
H2J90W 06-10	3/8 x 7/8
H2J90W 08-08	½ x 3/4
H2J90W 08-10	½ x 7/8
H2J90W 10-10	5/8 x 7/8
H2J90W 10-12	5/8 x 1 1/16
H2J90W 12-12	3/4 x 1 1/16
H2J90W 12-14	3/4 x 1 3/16
H2J90W 16-16	1 x 1 5/16
H2J90W 20-20	1 1/4 x 1 5/8
H2J90W 24-24	1 1/2 x 1 7/8
H2J90W 32-32	2 x 2 1/2

HEMBRA R2 JIC 45 GRADOS

CODIGO	MANGUERA
H2J45W 03-04	3/16 x 7/16
H2J45W 04-04	1/4 x 7/16
H2J45W 04-05	1/4x 1/2
H2J45W 04-06	1/4 x 9/16
H2J45W 06-06	3/8 x 9/16
H2J45W 06-07	3/8 x 5/8
H2J45W 06-08	3/8 x 3/4
H2J45W 06-10	3/8 x 7/8
H2J45W 08-08	½ x 3/4
H2J45W 08-10	½ x 7/8
H2J45W 10-10	5/8 x 7/8
H2J45W 10-12	5/8 x 1 1/16
H2J45W 12-12	3/4 x 1 1/16
H2J45W 12-14	3/4 x 1 3/16
H2J45W 16-16	1 x 1 5/16
H2J45W 20-20	1 1/4 x 1 5/8
H2J45W 24-24	1 1/2 x 1 7/8
H2J45W 32-32	2 x 2 1/2

HEMBRA R9 JIC

CÓDIGO	MANGUERA
H4JW 06-06	3/8 x 9/16
H4JW 06-08	3/8 x 3/4
H4JW 08-08	½ x 3/4
H4JW 08-10	½ x 7/8
H4JW 10-10	5/8 x 7/8
H4JW 10-12	5/8 x 1 1/16
H4JW 12-12	3/4 X 1 1/16
H4JW 12-14	3/4 x 1 3/16
H4JW 16-16	1 x 1 5/16
H4JW 20-20	1 1/4 x 1 5/8
H4JW 24-24	1 1/2 x 1 7/8
H4JW 32-32	2 x 2 1/2

HEMBRA R9 JIC 45 GRADOS

CÓDIGO	MANGUERA
H4J45W 06-06	3/8 x 9/16
H4J45W 06-08	3/8 x 3/4
H4J45W 08-08	½ x 3/4
H4J45W 08-10	½ x 7/8
H4J45W 10-10	5/8 x 7/8
H4J45W 10-12	5/8 x 1 1/16
H4J45W 12-12	3/4 X 1 1/16
H4J45W 12-14	3/4 x 1 3/16
H4J45W 16-16	1 x 1 5/16
H4J45W 20-20	1 1/4 x 1 5/8
H4J45W 24-24	1 1/2 x 1 7/8
H4J45W 32-32	2 x 2 1/2

HEMBRA R9 JIC 90 GRADOS

CÓDIGO	MANGUERA
H4J90W 06-06	3/8 x 9/16
H4J90W 06-08	3/8 x 3/4
H4J90W 08-08	½ x 3/4
H4J90W 08-10	½ x 7/8
H4J90W 10-10	5/8 x 7/8
H4J90W 10-12	5/8 x 1 1/16
H4J90W 12-12	3/4 X 1 1/16
H4J90W 12-14	3/4 x 1 3/16
H4J90W 16-16	1x 1 5/16
H4J90W 20-20	1 1/4 x 1 5/8
H4J90W 24-24	1 1/2 x 1 7/8
H4J90W 32-32	2 x 2 1/2

HEMBRA R2 NPS 45 GRADOS

CÓDIGO	MANGUERA
H2N45W-04-04	1/4 x 1/4
H2N45W-06-06	3/8 x 3/8
H2N45W-08-08	1/2 x 1/2
H2N45W-12-12	3/4 x 3/4
H2N45W-16-16	1 x 1
H2N45W-20-20	11/4 x 11/4
H2N45W-24-24	1 1/2 x 11/2
H2N45W-32-32	2

HEMBRA R9 NPS

CÓDIGO	MANGUERA
H4NW-06-06	3/8 x 3/8
H4NW-08-08	½ x 1/2
H4NW-12-12	3/4 x 3/4
H4NW-16-16	1 x 1
H4NW-20-20	1 1/4 x 1 1/4
H4NW-24-24	1 ½ x 1 1/2
H4NW-32-32	2 x 2

HEMBRA R9 NPS 90 GRADOS

CÓDIGO	MANGUERA
H4N90W-06-06	3/8 x 3/8
H4N90W-08-08	½ x 1/2
H4N90W-12-12	3/4 x 3/4
H4N90W-16-16	1 x 1
H4N90W-20-20	1 1/4 x 1 1/4
H4N90W-24-24	1 1/2 x 1 1/2

HEMBRA R2 NPS

CÓDIGO	MANGUERA
H2NW-04-04	1/4 x 1/4
H2NW-06-06	3/8 x 3/8
H2NW-08-08	½ x 1/2
H2NW-12-12	3/4 x 3/4
H2NW-16-16	1 x 1
H2NW-20-20	1 1/4 x 1 1/4
H2NW-24-24	1 1/2 x 1 1/2
H2NW-32-32	2 x 2

kami_0708@hotmail.es

HEMBRA R2 NPS 90 GRADOS

CÓDIGO	MANGUERA
H2N90W-04-04	1/4 x 1/4
H2N90W-06-06	3/8 x 3/8
H2N90W-08-08	1/2 x 1/2
H2N90W-12-12	3/4 x 3/4
H2N90W-16-16	1 x 1
H2N90W-20-20	11/4 x 11/4
H2N90W-24-24	1 1/2 x 11/2
H2N90W-32-32	2

HEMBRA R9 NPS 45 GRADOS

CODIGO	MANGUERA
H4N45W-06-06	3/8 x 3/8
H4N45W-08-08	½ x 1/2
H4N45W-12-12	3/4 x 3/4
H4N45W-16-16	1 x 1
H4N45W-20-20	1 1/4 x 1 1/4
H4N45W-24-24	1 1/2 x 1 1/2

HEMBRA R2 ORS

CÓDIGO	MANGUERA
H2OW-04-04	1/4 x 9/16
H2OW-06-04	1/4 x 11/16
H2OW-06-06	3/8 x 11/16
H2OW-08-06	3/8 x 13/16
H2OW-08-08	½ x 13/16
H2OW-10-10	5/8 x 1
H2OW-12-10	5/8 x 1 3/16
H2OW-12-12	3/4 x 1 3/16
H2OW-16-12	3/4 x 1 7/16
H2OW-16-16	1 x 1 7/16
H2OW-20-20	1 1/4x1 11/16

HEMBRA R2 ORS 45 GRADOS

CÓDIGO	MANGUERA
H2O45W-04-04	1/4 x 9/16
H2O45W-06-04	1/4 x 11/16
H2O45W-06-06	3/8 x 11/16
H2O45W-08-06	3/8 x 13/16
H2O45W-08-08	½ x 13/16
H2O45W-10-10	5/8 x 1
H2O45W-10-12	5/8 x 1 3/16
H2O45W-12-12	3/4 x 1 3/16
H2O45W-12-16	3/4 x 1 7/16
H2O45W-16-16	1 x 1 7/16
H2O45W-20-20	1 1/4 x 1 11/16

HEMBRA R2 ORS 90 GRADOS

CODIGO	MANGUERA
H2O90W-04-04	1/4 x 9/16
H2O90W-06-04	1/4 x 11/16
H2O90W-06-06	3/8 x 11/16
H2O90W-08-06	3/8 x 13/16
H2O90W-08-08	½ x 13/16
H2O90W-10-10	5/8 x 1
H2O90W-10-12	5/8 x 1 3/16
H2O90W-12-12	3/4 x 1 3/16
H2O90W-12-16	3/4 x 1 7/16
H2O90W-16-16	1 x 1 7/16
H2O90W-20-20	1 1/4 x 1 11/16

HEMBRA R9 ORS

CÓDIGO	MANGUERA
H4OW-06-06	3/8 x 11/16
H4OW-06-08	3/8 x 13/16
H4OW-08-08	½ x 13/16
H4OW-10-10	5/8 x 1
H4OW-10-12	5/8 x 1 3/16
H4OW-12-12	3/4 x 1 3/16
H4OW-12-16	3/4 x 1 7/16
H4OW-16-16	1 x 1 7/16
H4OW-20-20	11/4x1 11/16

HEMBRA R9 ORS 45 GRADOS

CODIGO	MANGUERA
H4O90W-06-06	3/8 x 11/16
H4O90W-06-08	3/8 x 13/16
H4O90W-08-08	½ x 13/16
H4O90W-10-10	5/8 x 1
H4O90W-10-12	5/8 x 1 3/16
H4O90W-12-12	3/4 x 1 3/16
H4O90W-12-16	3/4 x 1 7/16
H4O90W-16-16	1 x 1 7/16
H4O90W-20-20	11/4x1 11/16
H4O90W-24-24	1 1/2 x 2

HEMBRA R9 ORS 90 GRADOS

CÓDIGO	MANGUERA
H4O90W-06-06	3/8 x 11/16
H4O90W-06-08	3/8 x 13/16
H4O90W-08-08	½ x 13/16
H4O90W-10-10	5/8 x 1
H4O90W-10-12	5/8 x 1 3/16
H4O90W-12-12	3/4 x 1 3/16
H4O90W-12-16	3/4 x 1 7/16
H4O90W-16-16	1 x 1 7/16
H4O90W-20-20	1 1/4 x 1 11/16
H4O90W-24-24	1 1/2 x 2

HEMBRA R2 JIS KOBELCO

CÓDIGO	MANGUERA
H2KW-04-04	1/4 x 1/4
H2KW-06-06	3/8 x 3/8
H2KW-08-08	½ x 1/2
H2KW-12-12	3/4 x 3/4

HEMBRA R2 JIS KOBELCO 45 GRADOS

CÓDIGO	MANGUERA
H2K45W-04-04	1/4 x 1/4
H2K45W-06-06	3/8 x 3/8
H2K45W-08-08	½ x 1/2
H2K45W-12-12	3/4 x 3/4

HEMBRA R2 JIS KOBELCO 90 GRADOS

CÓDIGO	MANGUERA
H2K90W-04-04	1/4 x 1/4
H2K90W-06-06	3/8 x 3/8
H2K90W-08-08	½ x 1/2
H2K90W-12-12	3/4 x 3/4

HEMBRA R9 MILIMETRICA KOBELCO 90 GRADOS

CÓDIGO	MANGUERA
H4KM90W-10-26	5/8 x 26 MM
H4KM90W-12-30	3/4 x 30MM
H4KM90W-12-36	3/4 x 36MM
H4KM90W-16-36	1" x 36MM

HEMBRA R2 DIN SERIE LIVIANA

CÓDIGO	MANGUERA
H2DLW-04-12	1/4 x 12 DINL
H2DLW-04-14	1/4 x 14 DINL
H2DLW-04-16	1/4 x 16 DINL
H2DLW-06-16	3/8 x 16 DINL
H2DLW-06-18	3/8 x 18 DINL
H2DLW-08-22	½ x 22 DINL
H2DLW-10-26	5/8 x 26 DINL
H2DLW-12-30	3/4 x 30 DINL

HEMBRA R2 45 GRADOS DIN SERIE LIVIANA

CÓDIGO	MANGUERA
H2DL45W-04-12	1/4 x 12 DINL
H2DL45W-04-14	1/4 x 14 DINL
H2DL45W-04-16	1/4 x 16 DINL
H2DL45W-06-16	3/8 x 16 DINL
H2DL45W-06-18	3/8 x 18 DINL
H2DL45W-08-22	½ x 22 DINL
H2DL45W-10-26	5/8 x 26 DINL
H2DL45W-12-30	3/4 x 30 DINL

HEMBRA R2 90 GRADOS SERIE LIVIANA

CÓDIGO	MANGUERA
H2DL90W-04-12	1/4 x 12 DINL
H2DL90W-04-14	1/4 x 14 DINL
H2DL90W-04-16	1/4 x 16 DINL
H2DL90W-06-16	3/8 x 16 DINL
H2DL90W-06-18	3/8 x 18 DINL
H2DL90W-08-22	½ x 22 DINL
H2DL90W-10-26	5/8 x 26 DINL
H2DL90W-12-30	3/4 x 30 DINL

HEMBRA R2 DIN SERIE PESADA

CÓDIGO	MANGUERA
H2DSW-04-16	1/4 x 16 DINS
H2DSW-06-20	3/8 x 20 DINS
H2DSW-06-22	3/8 x 22 DINS
H2DSW-08-22	1/2 x 22 DINS
H2DSW-08-24	1/2 x 24 DINS
H2DSW-10-30	5/8 x 30 DINS
H2DSW-12-36	3/4 x 36 DINS

HEMBRA R2 45 GRADOS SERIE PESADA

CÓDIGO	MANGUERA
H2DS45W-04-16	1/4 x 16 DINS
H2DS45W-06-20	3/8 x 20 DINS
H2DS45W-06-22	3/8 x 22 DINS
H2DS45W-08-22	1/2 x 22 DINS
H2DS45W-08-24	1/2 x 24 DINS
H2DS45W-10-30	5/8 x 30 DINS
H2DS45W-12-36	3/4 x 36 DINS

HEMBRA R2 90 GRADOS SERIE PESADA

CÓDIGO	MANGUERA
H2DS90W-04-16	1/4 x 16 DINS
H2DS90W-06-20	3/8 x 20 DINS
H2DS90W-06-22	3/8 x 22 DINS
H2DS90W-08-22	1/2 x 22 DINS
H2DS90W-08-24	1/2 x 24 DINS
H2DS90W-10-30	5/8 x 30 DINS
H2DS90W-12-36	3/4 x 36 DINS

HEMBRA R9 DIN RECTAS SERIE LIVIANA

CÓDIGO	MANGUERA
H4DLW-08-22	½ x 22DINL
H4DLW-10-26	5/8 x 26DINL
H4DLW-12-30	3/4 x 30DINL
H4DLW-16-36	1 x 36DINL
H4DLW-16-45	1 x 45DINL
H4DLW-20-45	1 1/4 x 45DINL

HEMBRA R9 DIN 90 GRADOS SERIE LIVIANA

CÓDIGO	MANGUERA
H4DL90W-08-22	½ x 22DINL
H4DL90W-10-26	5/8 x 26DINL
H4DL90W-12-30	3/4 x 30DINL
H4DL90W-16-36	1 x 36DINL
H4DL90W-16-45	1 1/4 x 45DINL
H4DL90W-20-45	1 1/4 x 45DINL

HEMBRA R9 DIN SERIE PESADA

CÓDIGO	MANGUERA
H4DSW-08-24	½ x 24DINS
H4DSW-10-30	5/8 x 30DINS
H4DSW-12-36	3/4 x 36DINS
H4DSW-16-42	1 x 42DINS
H4DSW-20-52	1 1/4 x 52DINS

HEMBRA R9 45 GRADOS DIN SERIE PESADA

CÓDIGO	MANGUERA
H4DS45W-08-24	½ x 24DINS
H4DS45W-10-30	5/8 x 30DINS
H4DS45W-12-36	3/4 x 36DINS
H4DS45W-16-42	1 x 42DINS
H4DS45W-20-50	1 1/4 x 52DINS

HEMBRA R9 90 GRADOS DIN SERIE PESADA

CÓDIGO	MANGUERA
H4DS90W-08-24	½ x 24DINS
H4DS90W-10-30	5/8 x 30DINS
H4DS90W-12-36	3/4 x 36DINS
H4DS90W-16-42	1 x 42DINS
H4DS90W-20-50	1 1/4 x 52DINS

HEMBRA R9 45 GRADOS DIN SERIE PESADA

CÓDIGO	MANGUERA
H4DS45W-08-24	½ x 24DINS
H4DS45W-10-30	5/8 x 30DINS
H4DS45W-12-36	3/4 x 36DINS
H4DS45W-16-42	1 x 42DINS
H4DS45W-20-50	1 1/4 x 52DINS

HEMBRA R9 90 GRADOS DIN SERIE PESADA

CÓDIGO	MANGUERA
H4DS90W-08-24	½ x 24DINS
H4DS90W-10-30	5/8 x 30DINS
H4DS90W-12-36	3/4 x 36DINS
H4DS90W-16-42	1 x 42DINS
H4DS90W-20-50	1 1/4 x 52DINS

HEMBRA R2 - 90 GRADOS JIS (KOMATSU)

CÓDIGO	MANGUERA
H2KOM90W-04-14	1/4 x 14 JIS
H2KOM90W-06-18	3/8 x 18 JIS
H2KOM90W-08-22	1/2 x 22 JIS
H2KOM90W-10-24	5/8 x 24 JIS
H2KOM90W-12-30	3/4 X 30 JIS
H2KOM90W-16-33	1 x 33 JIS

HEMBRA R9 JIS (KOMATSU)

CÓDIGO	MANGUERA
H4KOMW-06-18	3/8 x 18 JIS
H4KOMW-08-22	1/2 x 22 JIS
H4KOMW-10-24	5/8 x 24 JIS
H4KOMW-12-30	3/4 X 30 JIS
H4KOMW-16-33	1 x 33 JIS

HEMBRA R9 - 45 GRADOS MM JIS (KOMATSU)

CÓDIGO	MANGUERA
H4KOMW-06-18	3/8 x 18 JIS
H4KOMW-08-22	1/2 x 22 JIS
H4KOMW-10-24	5/8 x 24 JIS
H4KOMW-12-30	3/4 X 30 JIS
H4KOMW-16-33	1 x 33 JIS

HEMBRA R9 90 GRADOS MM JIS (KOMATSU)

CÓDIGO	MANGUERA
H4KOMW-06-18	3/8 x 18 JIS
H4KOMW-08-22	1/2 x 22 JIS
H4KOMW-10-24	5/8 x 24 JIS
H4KOMW-12-30	3/4 X 30 JIS
H4KOMW-16-33	1 x 33 JIS

FLANCHE

FLANCHE R9 CÓDIGO 61

CÓDIGO	MANGUERA
F4W61-08-08	1/2 x 1 3/16
F4W61-08-10	5/8 x1 3/16
F4W61- 34-10	5/8 x 34MM
F4W61- 12-10	5/8 x 1 1/2
F4W61-12-12	3/4 x 1 1/2
F4W61-16-12	3/4 x 1 3/4
F4W61-16-16	1 x 1 3/4
F4W61-20-16	1 x 2
F4W61-20-20	1 1/4 x 2
F4W61-24-24	1 1/2 x 2 3/8
F4W61-32-32	2 x 2 13/16

FLANCHE R9 45 GRADOS CÓDIGO 61

CÓDIGO	MANGUERA
45F4W61-08-08	1/2 x 1 3/16
45F4W61-12-12	3/4 x 1 1/2
45F4W61-16-12	3/4 x 1 3/4
45F4W61-16-16	1 x 1 3/4
45F4W61-20-16	1 x 2
45F4W61-20-20	1 1/4 x 2
45F4W61-24-24	1 1/2x2 3/8
45F4W61-32-32	2 x 2 13/16

FLANCHE R9 CÓDIGO 61

CÓDIGO	MANGUERA
90F4W61-08-08	1/2 x 1 3/16
90F4W61-12-12	3/4 x 1 1/2
90F4W61-16-12	3/4 x 1 3/4
90F4W61-16-16	1 x 1 3/4
90F4W61-20-16	1 x 2
90F4W61-20-20	1 1/4 x 2
90F4W61-24-24	1 1/2x2 3/8
90F4W61-32-32	2 x 2 13/16

FLANCHE R9 CÓDIGO 62

CÓDIGO	MANGUERA
F4W62-08-08	1/2 x 1 1/4
F4W62-12-12	3/4 x 1 5/8
F4W62-16-12	3/4 x 1 7/8
F4W62-16-16	1 x1 7/8
F4W62-16-20	1 1/4 x 1 7/8
F4W62-20-16	1 x2 1/8
F4W62-20-20	1 1/4x2 1/8
F4W62-24-20	1 1/4x2 1/2
F4W62-24-24	1 1/2x 2 1/2
F4W62-32-32	2 x3 1/8

FLANCHE R9 45 GRADOS CÓDIGO 62

CÓDIGO	MANGUERA
45F4W62-08-08	1/2 x 1 1/4
45F4W62-12-12	3/4 x 1 5/8
45F4W62-16-12	3/4 x 1 7/8
45F4W62-16-16	1 x1 7/8
45F4W62-16-20	1 1/4 x 1 7/8
45F4W62-20-16	1 x2 1/8
45F4W62-20-20	1 1/4x2 1/8
45F4W62-24-20	1 1/4x2 1/2
45F4W62-24-24	1 1/2x 2 1/2
45F4W62-32-32	2 x3 1/8

FLANCHE R9 90 GRADOS CÓDIGO 62

CÓDIGO	MANGUERA
90F4W62-08-08	1/2 x 1 1/4
90F4W62-12-12	3/4 x 1 5/8
90F4W62-16-12	3/4 x 1 7/8
90F4W62-16-16	1 x1 7/8
90F4W62-16-20	1 1/4 x 1 7/8
90F4W62-20-16	1 x2 1/8
90F4W62-20-20	1 1/4x2 1/8
90F4W62-24-20	1 1/4x2 1/2
90F4W62-24-24	1 1/2x 2 1/2
90F4W62-32-32	2 x3 1/8

FLANCHE R9 CATERPILLAR

CÓDIGO	MANGUERA
F4WCAT-08-08	1/2x 1 1/4
F4WCAT-12-12	3/4 x 1 5/8
F4WCAT-16-12	3/4 x 1 7/8
F4WCAT-16-16	1 x1 7/8
F4WCAT-20-16	1 x2 1/8
F4WCAT-20-20	1 1/4 X 2 1/8
F4WCAT-24-20	1 1/4 X 2 1/2
F4WCAT-24-24	1 1/2x 2 1/2
F4WCAT-32-32	2 x 3 1/8

FLANCHE R9 45 GRADOS CATERPILLAR

CÓDIGO	MANGUERA
F4W45CAT-08-08	1/2x 1 1/4
F4W45CAT-12-12	3/4 x 1 5/8
F4W45CAT-16-12	3/4 x 1 7/8
F4W45CAT-16-16	1 x1 7/8
F4W45CAT-20-16	1 x2 1/8
F4W45CAT-20-20	1 1/4 X 2 1/8
F4W45CAT-24-20	1 1/4 X 2 1/2
F4W45CAT-24-24	1 1/2 x 2 1/2
F4W45CAT-32-32	2 x 3 1/8

FLANCHE R9 90 GRADOS CATERPILLAR

CÓDIGO	MANGUERA
F4W90CAT-08-08	1/2x 1 1/4
F4W90CAT-12-12	3/4 x 1 5/8
F4W90CAT-16-12	3/4 x 1 7/8
F4W90CAT-16-16	1 x1 7/8
F4W90CAT-20-16	1 x2 1/8
F4W90CAT-20-20	1 1/4 X 2 1/8
F4W90CAT-24-20	1 1/4 X 2 1/2
F4W90CAT-24-24	1 1/2 x 2 1/2
F4W90CAT-32-32	2 x 3 1/8

UNION

UNION B1

CÓDIGO	MANGUERA
UBW-03	3/16
UBW-04	1/4
UBW-05	5/16
UBW-06	3/8
UBW-08	1/2
UBW-10	5/8
UBW-12	3/4
UBW-16	1"
UBW-20	1" 1/4
UBW-24	1" 1/2
UBW-32	2"

UNION R2

CÓDIGO	MANGUERA
U2W-03	3/16
U2W-04	1/4
U2W-05	5/16
U2W-06	3/8
U2W-08	1/2
U2W-10	5/8
U2W-12	3/4
U2W-16	1"
U2W-20	1" 1/4
U2W-24	1" 1/2
U2W-32	2"

SALVAVIDAS

SALVAVIDAS R2

CÓDIGO	MANGUERA
S2W-03	3/16
S2W-04	1/4
S2W-05	5/16
S2W-06	3/8
S2W-08	1/2
S2W-10	5/8
S2W-12	3/4
S2W-16	1"
S2W-20	1" 1/4
S2W-24	1" 1/2
S2W-32	2"

SALVAVIDAS R9

CÓDIGO	MANGUERA
S4W-06	3/8
S4W-08	1/2
S4W-10	5/8
S4W-32	2
S4W-12	3/4
S4W-16	1"
S4W-20	1" 1/4
S4W-24	1" 1/2

CONECTORES

CONECTOR PARA ACOPLE RAPIDO ARO - FOSTER

CÓDIGO		MANGUERA
FITING	CRFW A-04	1/4 ARO
MACHO	CRM W A -04	1/4 ARO
EMBRA	CRH W A -04	1/4 ARO
FITING	CRFW F-04	1/4 FOSTER
MACHO	CRM W F -04	1/4 FOSTER
EMBRA	CRH W F -04	1/4 FOSTER
FITING	CRFW F -06	3/8 FOSTER
MACHO	CRMW F -06	3/8 FOSTER
EMBRA	CRHW F -06	3/8 FOSTER
FITING	CRFW F -08	½ FOSTER
MACHO	CRMW F -08	½ FOSTER
EMBRA	CRHW F -08	½ FOSTER

ADAPTADORES

ADAPTADOR MACHO NPT

CÓDIGO	ROSCA
ATW-02-02	1/8 x 1/8
ATW-04-02	1/4 x 1/8
ATW-04-04	1/4 x 1/4
ATW-06-04	3/8 x 1/4
ATW-06-06	3/8 x 3/8
ATW-06.08	3/8 X 1/2
ATW-08-06	1/2 x 3/8
ATW-08-08	1/2 x 1/2
ATW-12-06	3/4 x 3/8
ATW-12-08	3/4 x 1/2
ATW-12-12	3/4 x 3/4
ATW-16-08	1 x 1/2
ATW-16-12	1 x 3/4
ATW-16-16	1 x 1
ATW-20-16	1 1/4 x 1
ATW-20-20	1 1/4 x 1 1/4
ATW-24-20	1 1/2 x 1 1/4
ATW-24-24	1 1/2 x 1 1/2
ATW-32-24	2 x 1 1/2
ATW-32-32	2 x 2

ADAPTADOR MACHO NPT 45 GRADOS

CÓDIGO	ROSCA
AT45W-02-02	1/8 x 1/8
AT45W-04-04	1/4 x 1/4
AT45W-06-06	3/8 x 3/8
AT45W-08-08	1/2 x 1/2
AT45W-12-12	3/4 x 3/4
AT45W-16-16	1 x 1
AT45W-20-20	1 1/4 x 1 1/4
AT45W-24-24	1 1/2 x 1 1/2
AT45W-32-32	2 x 2

ADAPTADOR MACHO NPT 90 GRADOS

CÓDIGO	ROSCA
AT90W-02-02	1/8 x 1/8
AT90W-04-04	1/4 x 1/4
AT90W-06-06	3/8 x 3/8
AT90W-08-08	1/2 x 1/2
AT90W-12-12	3/4 x 3/4
AT90W-16-16	1 x 1
AT90W-20-20	1 1/4 x 1 1/4
AT90W-24-24	1 1/2 x 1 1/2
AT90W-32-32	2 x 2

ADAPTADOR MACHO NPT - JIC

CÓDIGO	ROSCA
AJTW-02-04	1/8 x 7/16
AJTW-04-04	1/4 x 7/16
AJTW-04-05	1/4 x 1/2
AJTW-04-06	1/4 x 9/16
AJTW-06-06	3/8 x 9/16
AJTW-06-08	3/8 x 3/4
AJTW-06-10	3/8 X 7/8
AJTW-08-08	1/2 x 3/4
AJTW-08-10-	1/2 x 7/8
AJTW-08-12	1/2 x 1 1/16
AJTW-08-16	1/2 X 1 5/16
AJTW-12-10	3/4 x 7/8
AJTW-12-12	3/4 x 1 1/16
AJTW-12-16	3/4 x 1 5/16
AJTW-16-12	1 x 1 1/16
AJTW-16-16	1 X 1 5/16
AJTW-20-20	1 1/4 x 1 5/8
AJTW-24-24	1 1/2 X 1 7/8
AJTW-32-32	2 x 2 1/2

ADAPTADOR MACHO NPT - JIC 45 GRADOS

CÓDIGO	ROSCA
AJT45W-02-04	1/8 x 7/16
AJT45W-04-04	1/4 x 7/16
AJT45W-04-05	1/4 x 1/2
AJT45W-04-06	1/4 x 9/16
AJT45W-06-06	3/8 x 9/16
AJT45W-06-08	3/8 x 3/4
AJT45W-06-10	3/8 X 7/8
AJT45W-08-08	1/2 x 3/4
AJT45W-08-10-	1/2 x 7/8
AJT45W-08-12	1/2 x 1 1/16
AJT45W-12-10	3/4 x 7/8
AJT45W-12-12	3/4 x 1 1/16
AJT45W-12-16	3/4 x 1 5/16
AJT45W-16-12	1 x 1 1/16
AJT45W-16-16	1 X 1 5/16
AJT45W-20-20	1 1/4 x 1 5/8
AJT45W-24-24	1 1/2 X 1 7/8
AJT45W-32-32	2 x 2 1/2

ADAPTADOR MACHO NPT - JIC 90 GRADOS

CÓDIGO	ROSCA
AJT90W-02-04	1/8 x 7/16
AJT90W-04-04	1/4 x 7/16
AJT90W-04-05	1/4 x 1/2
AJT90W-04-06	1/4 x 9/16
AJT90W-06-06	3/8 x 9/16
AJT90W-06-08	3/8 x 3/4
AJT90W-06-10	3/8 X 7/8
AJT90W-08-08	1/2 x 3/4
AJT90W-08-10-	1/2 x 7/8
AJT90W-08-12	1/2 x 1 1/16
AJT90W-12-10	3/4 x 7/8
AJT90W-12-12	3/4 x 1 1/16
AJT90W-12-16	3/4 x 1 5/16
AJT90W-16-12	1 x 1 1/16
AJT90W-16-16	1 X 1 5/16
AJT90W-20-20	1 1/4 x 1 5/8
AJT90W-24-24	1 1/2 X 1 7/8
AJT90W-32-32	2 x 2 1/2

ADAPTADOR MACHO JIC

CÓDIGO	ROSCA
AJW-04	7/16
AJW-05	1/2
AJW-06	9/16
AJW-07	5/8
AJW-08	3/4
AJW-10	7/8
AJW-12	1 1/16
AJW-16	1 5/16
AJW-20	1 5/8
AJW-24	1 7/8

ADAPTADOR MACHO JIC 90 GRADOS

CÓDIGO	ROSCA
AJ90W-04	7/16
AJ90W-05	1/2
AJ90W-06	9/16
AJ90W-07	5/8
AJ90W-08	3/4
AJ90W-10	7/8
AJ90W-12	1 1/16
AJ90W-16	1 5/16
AJ90W-20	1 5/8
AJ90W-24	1 7/8

ADAPTADOR MACHO HEMBRA JIC

CÓDIGO	ROSCA
AJ90W-04	7/16
AJ90W-05	1/2
AJ90W-06	9/16
AJ90W-07	5/8
AJ90W-08	3/4
AJ90W-10	7/8
AJ90W-12	1 1/16
AJ90W-16	1 5/16
AJ90W-20	1 5/8
AJ90W-24	1 7/8

ADAPTADOR MACHO HEMBRA JIC 90 GRADOS

CÓDIGO	ROSCA
AJ90W-04	7/16
AJ90W-05	1/2
AJ90W-06	9/16
AJ90W-07	5/8
AJ90W-08	3/4
AJ90W-10	7/8
AJ90W-12	1 1/16
AJ90W-16	1 5/16
AJ90W-20	1 5/8
AJ90W-24	1 7/8

ADAPTADOR MACHO NPT HEMBRA NPS

CÓDIGO	ROSCA
ATW-02-02	1/8 x 1/8
ATW-04-04	1/4 x 1/4
ATW-06-06	3/8 x 3/8
ATW-08-08	1/2 x 1/2
ATW-12-12	3/4 x 3/4
ATW-16-16	1 x 1
ATW-20-20	1 1/4 x 1 1/4
ATW-24-24	1 1/2 x 1 1/2
AT90W-32-32	2 x 2

ADAPTADOR MACHO NPT HEMBRA NPS 45 GRADOS

CÓDIGO	ROSCA
AT45W-02-02	1/8 x 1/8
AT45W-04-04	1/4 x 1/4
AT45W-06-06	3/8 x 3/8
AT45W-08-08	1/2 x 1/2
AT45W-12-12	3/4 x 3/4
AT45W-16-16	1 x 1
AT45W-20-20	1 1/4 x 1 1/4
AT45W-24-24	1 1/2 x 1 1/2
AT45W-32-32	2 x 2

ADAPTADOR MACHO NPT HEMBRA NPS 90 GRADOS

CÓDIGO	ROSCA
AT90W-02-02	1/8 x 1/8
AT90W-04-04	1/4 x 1/4
AT90W-06-06	3/8 x 3/8
AT90W-08-08	1/2 x 1/2
AT90W-12-12	3/4 x 3/4
AT90W-16-16	1 x 1
AT90W-20-20	1 1/4 x 1 1/4
AT90W-24-24	1 1/2 x 1 1/2
AT90W-32-32	2 x 2

ADAPTADOR HEMBRA NPT HEMBRA NPS 45 GRADOS

CÓDIGO	ROSCA
AT45W-02-02	1/8 x 1/8
AT45W-04-04	1/4 x 1/4
AT45W-06-06	3/8 x 3/8
AT45W-08-08	1/2 x 1/2
AT45W-12-12	3/4 x 3/4
AT45W-16-16	1 x 1
AT45W-20-20	1 1/4 x 1 1/4

ADAPTADOR HEMBRA NPT HEMBRA NPS 90 GRADOS

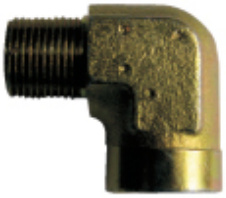
CÓDIGO	ROSCA
AT90W-02-02	1/8 x 1/8
AT90W-04-04	1/4 x 1/4
AT90W-06-06	3/8 x 3/8
AT90W-08-08	1/2 x 1/2
AT90W-12-12	3/4 x 3/4
AT90W-16-16	1 x 1
AT90W-20-20	1 1/4 x 1 1/4

ADAPTADOR MACHO NPT HEMBRA NPT 45 GRADOS

CÓDIGO	ROSCA
AT45W-02-02	1/8 x 1/8
AT45W-04-04	1/4 x 1/4
AT45W-06-06	3/8 x 3/8
AT45W-08-08	1/2 x 1/2
AT45W-12-12	3/4 x 3/4
AT45W-16-16	1 x 1
AT45W-20-20	1 1/4 x 1 1/4

ADAPTADOR MACHO NPT HEMBRA NPT 45 GRADOS

CÓDIGO	ROSCA
AT90W-02-02	1/8 x 1/8
AT90W-04-04	1/4 x 1/4
AT90W-06-06	3/8 x 3/8
AT90W-08-08	1/2 x 1/2
AT90W-12-12	3/4 x 3/4
AT90W-16-16	1 x 1
AT90W-20-20	1 1/4 x 1 1/4



ADAPTADOR ORS

CÓDIGO	ROSCA
AOW-04	9/16 x 9/16
AOW-06	11/16 x 11/16
AOW-08	13/16 x 13/16
AOW-10	1 x 1
AOW-12	1 3/16 x 1 3/16
AOW-16	1 7/16 x 1 7/16

ADAPTADOR O´RING

CÓDIGO	ROSCA
ARW-04	7/16
ARW-05	1/2
ARW-06	9/16
ARW-08	3/4
ARW-10	7/8
ARW-12	1 1/16
ARW-14	1 3/16
ARW-16	1 5/16
ARW-20	1 5/8
ARW-24	1 7/8

ADAPTADOR O´RING 45 GRADOS

CÓDIGO	ROSCA
AR45W-04	7/16
AR45W-05	1/2
AR45W-06	9/16
AR45W-08	3/4
AR45W-10	7/8
AR45W-12	1 1/16
AR45W-14	1 3/16
AR45W-16	1 5/16
AR45W-20	1 5/8
AR45W-24	1 7/8

ADAPTADOR O´RING 90 GRADOS

CÓDIGO	ROSCA
AR90W-04	7/16
AR90W-05	1/2
AR90W-06	9/16
AR90W-08	3/4
AR90W-10	7/8
AR90W-12	1 1/16
AR90W-14	1 3/16
AR90W-16	1 5/16
AR90W-20	1 5/8
AR90W-24	1 7/8

PASAMUROS

PASAMURO MACHO JIC

CÓDIGO	ROSCA
PMJW-04	7/16 X 7/16
PMJW-05	1/2 X 1/2
PMJW-06	9/16 X 9/16
PMJW-08	3/4 X 3/4
PMJW-10	7/8 X 7/8
PMJW-12	11/6 X 1 1/16
PMJW-16	15/16 X 15 /16
PMJW-20	15/8 X 1 5/8
PMJW-24	1 7/8 X 1 7/8

PASAMURO MACHO JIC 45 GRADOS

CÓDIGO	ROSCA
PMJ45W-04	7/16 X 7/16
PMJ45W-05	1/2 X 1/2
PMJ45W-06	9/16 X 9/16
PMJ45W-08	3/4 X 3/4
PMJ45W-10	7/8 X 7/8
PMJ45W-12	11/6 X 1 1/16
PMJ45W-16	15/16 X 15/16
PMJ45W-20	15/8 X 1 5/8
PMJ45W-24	1 7/8 X 1 7/8

PASAMURO MACHO JIC 90 GRADOS

CÓDIGO	ROSCA
PMJ90W-04	7/16 X 7/16
PMJ90W-05	1/2 X 1/2
PMJ90W-06	9/16 X 9/16
PMJ90W-08	3/4 X 3/4
PMJ90W-10	7/8 X 7/8
PMJ90W-12	11/6 X 1 1/16
PMJ90W-16	15/16 X 15/16
PMJ90W-20	15/8 X 1 5/8
PMJ90W-24	1 7/8 X 1 7/8

BUSHING

BUSHING

CÓDIGO	MACHO	HEMBRA
BWT- 04-02	1/4	1/8
BWT- 06-02	3/8	1/8
BWT-06-04	3/8	1/4
BWT-08-04	1/2	1/4
BWT-08-06	1/2	3/8
BWT-12-06	3/4	3/8
BWT-12-08	3/4	1/2
BWT-16-04	1	1/4
BWT-16-06	1	3/8
BWT-16-08	1	1/2
BWT-16-12	1	3/4
BWT-20-12	1 1/4	3/4
BWT-20-16	1 1/4	1"
BWT-24-16	1 1/2	1"
BWT-24-20	1 1/2	1 1/4
BWT-32-24	2	1 1/2

TAPÓN

TAPÓN MACHO NPT

CÓDIGO	ROSCA
TMTW-02	1/8
TMTW-04	1/4
TMTW-06	3/8
TMTW-08	1/2
TMTW-12	3/4
TMTW-16	1
TMTW-20	1 1/4
TMTW-24	1 1/2
TMTW-32	2

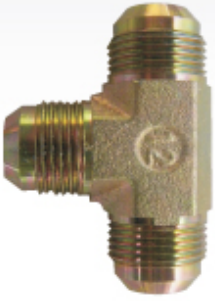
TAPÓN MACHO JIC

CÓDIGO	ROSCA
TMJW-04	7/16
TMJW-05	1/2
TMJW-06	9/16
TMJW-07	5/8
TMJW-08	3/4
TMJW-10	7/8
TMJW-12	1 1/16
TMJW-16	1 5/16
TMJW-20	1 5/8
TMJW-24	1 7/8

TEE

TEE MACHO JIC

CÓDIGO	ROSCA
TMJW-04	7/16
TMJW-05	1/2
TMJW-06	9/16
TMJW-07	5/8
TMJW-08	3/4
TMJW-10	7/8
TMJW-12	11/6
TMJW-16	15/16
TMJW-20	15/8
TMJW-24	17/8



TEE HEMBRA NPT

CÓDIGO	ROSCA
THTW-02	1/8
THTW-04	1/4
THTW-06	3/8
THTW-08	1/2
THTW-12	3/4
THTW-16	1
THTW-20	1 1/4
THTW-24	1 1/2
THTW-32	2

ACOPLES RAPIDO TIPO OPW

PARTE A	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
MATERIAL									
ALUMINIO									
BRONCE									
ACERO INOX									
POLYPROPILENO									

PARTE B	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
MATERIAL									
ALUMINIO									
BRONCE									
ACERO INOX									
POLYPROPILENO									

PARTE C	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
MATERIAL									
ALUMINIO									
BRONCE									
ACERO INOX									
POLYPROPILENO									

PARTE D	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
MATERIAL									
ALUMINIO									
BRONCE									
ACERO INOX									
POLYPROPILENO									

PARTE E	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
MATERIAL									
ALUMINIO									
BRONCE									
ACERO INOX									
POLYPROPILENO									

PARTE F	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
MATERIAL									
ALUMINIO									
BRONCE									
ACERO INOX									
POLYPROPILENO									

PARTE DC	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
MATERIAL									
ALUMINIO									
BRONCE									
ACERO INOX									
POLYPROPILENO									

PARTE DP	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
MATERIAL									
ALUMINIO									
BRONCE									
ACERO INOX									
POLYPROPILENO									

LÍNEA MINERA ALUMINIO

MANGUERA SUCCIÓN

DIMENSIÓN		
1" X 3"	2"½ X 3"	6" X 3"
1" X 6"	2"½ X 6"	6" X 6"
1"1/4 X 3"	3" X 3"	8" X 3"
1"1/4 X 6"	3" X 6"	8" X 6"
1"½ X 3"	4" X 3"	10" X 3"
1"½ X 6"	4" X 6"	10" X 6"
2" X 3"	5" X 3"	12" X 3"
2" X 6"	5" X 6"	12" X 6"

GRANADA

DIMENSIÓ
1"
1"1/4
1"½
2"
2"1/2
3"
4"
6"

ACOPLE

ACOPLE MACHO

DIMENSIÓN	
½	2"
3/4	2"1/2
1"	3"
1"1/4	4"
1"½	6"

MACHO REDUCCIÓN

DIMENSIÓN
2" A 1"
2" A 1"½
3"A 2"
4" A 3"

UNIÓN

UNIÓN

DIMENSIÓN	
½	2"1/2
3/4	3"
1"	4"
1"1/4	6"
1"½	10"
2"	12"

UNIÓN REDUCCIÓN

DIMENSIÓN
1" A 3/4
2" A 1"½
3"A 2"
4" A 3"
4" A 3"

ACCESORIOS MINERÍA

BOQUILLA DE CHORRO

DIMENSIÓN
2" A ½
3" A 3/4
3"A 1"
3" A 1"½

BOLA MINERA

DIMENSIÓN
6"
8"

EMPAQUE RÁPIDO

DIMENSIÓN	
1"	2"1/2
1"1/4	3"
1"½	4"
2"	6"

ACOPLES RÁPIDO AIRE

ACOPLE RÁPIDO AIRE

ACOPLE RÁPIDO NACIONAL
1/4 NPT

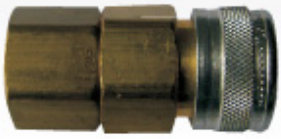
ACOPLE RÁPIDO INPORTADO
1/4 NPT

ACOPLE RÁPIDO HIDRAULICO

MEDIDAS
1/4
3/8
1/2
3/4
1
1 1/4

ACOPLE RÁPIDO AIRE FOSTER

MEDIDAS
1/4
3/8
1/2
3/4



ACOPLE RÁPIDO TIPO DIXON

MEDIDAS
1/2
3/4
1

MEDIDAS
1/2
3/4
1

MEDIDAS
1/2
3/4
1

ABRAZADERAS

ABRAZADERAS CREMALLERA EN ACERO

TIPO		
00 (1/4 - 3 /8)	16 (13/16 - 1 1/2)	40 (2 1/16 - 3)
04 (7/32 - 5 /8)	20 (13/16 - 1 3/4)	44 (2 5/16-3 1/4)
06 (7/16 - 3 /4)	24 (1 1/16 - 2)	48 (2 9/16 - 3 1/2)
08 (1/2 - 29 /32)	28 (1 5/16 - 2 1/4)	52 (2 13/16 - 3 3/4)
10 (9/16 - 1 1/32)	32 (1 9/16 - 2 1/2)	56 (3 1/16 - 4)
12 (11/16 - 1 1/4)	36 (1 13/16 - 2 3/4)	60 (3 5/16 - 4 1/4)

ABRAZADERAS CREMALLERA EN ACERO INOXIDABLE

TIPO		
00 (1/4 - 3 /8)	16 (13/16 - 1 1/2)	40 (2 1/16 - 3)
04 (7/32 - 5 /8)	20 (13/16 - 1 3/4)	44 (2 5/16-3 1/4)
06 (7/16 - 3 /4)	24 (1 1/16 - 2)	48 (2 9/16 - 3 1/2)
08 (1/2 - 29 /32)	28 (1 5/16 - 2 1/4)	52 (2 13/16 - 3 3/4)
10 (9/16 - 1 1/32)	32 (1 9/16 - 2 1/2)	56 (3 1/16 - 4)
12 (11/16 - 1 1/4)	36 (1 13/16 - 2 3/4)	60 (3 5/16 - 4 1/4)

ABRAZADERAS TIPO INDUSTRIAL EN ACERO

28-30	28-30	102-108	164-174
31-33	57-62	108-114	174-184
34-36	62-67	114-120	188-200
37-40	67-72	120-128	201-213
40-44	72-78	128-136	214-226
44-48	78-84	136-144	
48-52	84-90	144-154	
52-57	90-96	154-164	

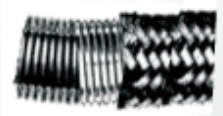
ABRAZADERAS TIPO INDUSTRIAL EN ACERO INOXIDABLE

28-30	28-30	102-108	164-174
31-33	57-62	108-114	174-184
34-36	62-67	114-120	188-200
37-40	67-72	120-128	201-213
40-44	72-78	128-136	214-226
44-48	78-84	136-144	
48-52	84-90	144-154	
52-57	90-96	154-164	

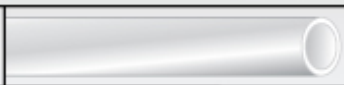
ABRAZADERAS HIDRAULICAS CON TORNILLOS

MEDIDAS
1/2
3/4
1

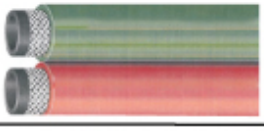
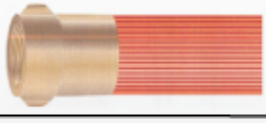
MANGUERAS HIDRAULICAS

SAE 100 R1		3/16 - 1/4 - 5/16 - 3/8 - ½ - 5/8 3/4 - 1" - 1" 1/4 - 1"½ - 2"
SAE 100 R2		1/4 - 3/8 - ½ - 5/8 - 3/4 1" - 1" 1/4 - 1"½ - 2"
SAE 100 R5		3/16 - 1/4 - 5/16 - 13/32 - 1/2 5/8 - 7/8 - 1 1/8 - 1"3/8 - 1"13/16
SAE 100 R6		3/16 - 1/4 - 5/16 - 1/2 - 5/8 3/4 - 1" - 1 1/4
SAE 100 R7		3/16 - 1/4 - 3/8 - 1/2
SAE 100 R12		3/8 - 1/2 - 5/8 - 3/4 1" - 1" 1/4 - 1"½ - 2"
SAE 100 R13		3/4 - 1" - 1 1/4 - 1"½ - 2"
SAE 100 R115		-3/16 - 1/4 - 5/16 - 13/32 - ½ 5/8 - 7/8 1" 1"1/8
S96 ANACONDA		1/4 - 3/8 - ½ - 3/4 - 1" 1"1/4 - 1"½ - 2" - 3" - 4"
RESORTES (MANG HIDRAULICA)		3/8 - 1/2 - 5/8 - 3/4 - 1" 1"1/4 - 1"½ - 2"

MANGUERA MULTIUSO

CRISTAL		3/16 1/4 5/16 3/8 ½ 5/8 3/4 1" 1"1/4 1"½ 2"
MULTIUSOS (TECNOFLEX)		3/16 1/4 5/16 3/8 ½ 5/8 3/4 1"
AGUA AIRE (SUPERFLEX)		3/16 1/4 5/16 3/8 ½ 5/8 3/4 1"
JARDIN (SUANFLEX)		½
ALIMENTOS (NO TOXICA)		3/16 1/4 5/16 3/8 ½ 3/4 1"
GAS		3/8
AUTOMOTRIX (TG)		3/16 1/4 5/16 3/8
FUMIGACIÓN (FUMIFLEX)		1/4 3/8 ½
LAVADO DE VEHICULO		½
HIDRO LAVADORAS		3/16 - 1/4 - 5/16
AIRE COMPRESOR		½ - 3/4 - 1"
CORAZA		½ - 3/4 1"
ESPIRALETO		3/8 - 1/2 - 3/4 1"
ASPIRADORA		1" - 1"1/4 - 1"½ - 2"- 3"
VACIO		1" -1"1/4 - 1"½ - 2"- 3"
PISCINA		3" 4" 5" 6" 8"
DRAGAS		1"½
MOTO BOMBAS		1"-1/4 - 1"½ - 2"

MANGUERA INDUSTRIALES

AGUA-AIRE MULTIPROPOSITO		3/16-1/4 - 5/16 - 3/8 - ½ - 5/8 - 3/4 - 1" -1"1/4 - 1"½ - 2"
FRENO J1402		3/8 - ½
TUBING PFT (SINFLEX)		3/16 - 1/4 - 5/16 - 3/8 ½ - 5/8
SURTIDOR GASOLINA		3/4 - 1"
FREON (Aire acondicionado)		13/32 - ½ - 5/8
OXIACETILENO (Gemela)		1/4 - 5/16 - 3/8
SUCCIÓN (Combustible)		1"1/4 - 1"½ 2" - 2"½ - 3" - 4"
PRODUCTOS QUIMICOS		1"1/4- 1"½ 2" - 2"½ - 3"- 4"
LANZADO CEMENTO		1"1/4 - 1"½ 2"- 2"½ - 3 - 4"
INCENDIO (BOMBERO)		1"½ - 2"½
ALIMENTOS		1"1/4 - 1"½ 2"- 2"½ - 3"- 4"
POLIETILENO (ENTERRAR)		½ - 3/4 - 1"- 1"1/4 - 1"½ 2"- 2"½ -3"- 4"-5"- 6"

GRASERAS

MEDIDAS
1/8 NPT Recta
1/8 NPT x 45°
1/8 NPT x 90°
1/4 NPT x Recta
1/4 NPT x 45°
1/4 NPT x 90°
Kit Grasera Pulgadas
Kit Gras. Milimetrica

ENGRASADORA MANUAL

GRASERAS

ACEITERA

MANGUERAS ENGRASADORAS

MANGUERA 12" TERMIPLASTICA 1/8 NPT MANGUERA 18" TERMIPLASTICA 1/8 NPT MANGUERA 12" ALTA PRESIÓN 1/8 NPT MANGUERA 18" ALTA PRESIÓN 1/8 MPT	
EXTENCIÓN RIGIDA PARA ENGRASADORA 6"	
EXTENCIÓN FLEXIBLE PARA ACEITERA 6"	
EXTENCIÓN RIGIDA PARA ACEITERA 6"	

RESORTES

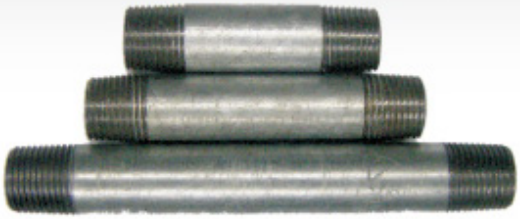
RESORTES PARA MANGUERAS HIDRÁULICAS
3/8- 1/2- 5/8 - 3/4 - 1" - 1"1/4 - 1"½ - 2"

FABRICAMOS TODA CLASE DE RESORTES Y PINES

ACCESORIOS ACERO INOXIDABLE

ACCESORIOS ACERO GALVANIZADO

NIPLES



CORREAS INDUSTRIALES

CORREA EN V	
TIPO A	
TIPO B	
TIPO C	
TIPO D	
TIPO E	

CORREA SINCRONIZADORA	
TIPO XL	
TIPO L	
TIPO H	
TIPO XH	
TIPO XXH	

TIPO AX	
TIPO BX	
TIPO CX	

CORREA VELOCIDAD VARIABLE

CORREA TIPO CUÑA	
3 VX	
5 VX	
8 VX	

O´RING-POLYPAKS

O´RING - POLYPAKS	
O´RING TIPO INDUSTRIAL mm	
O´RING TIPO INDUSTRIAL Pulgadas	
O´RING VITÓN-MITRILO-EPDM	
KIT DE O´RING UNIVERSAL Pulgadas	
KIT DE O´RING Milimetrico	
POLIPAKS-EMPAQUETADURAS PARKER	

MAQUINAS GRAFADORAS GATES

PC 707

3000B

MAQUINAS GRAFADORAS PRENSSO

PHZE 60

PE 60

BANCO DE PRUEBAS DE MANGUERAS

BTM 700 ESPECIAL

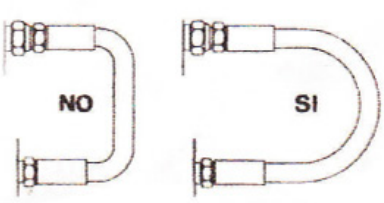
LÍNEA AMARILLA

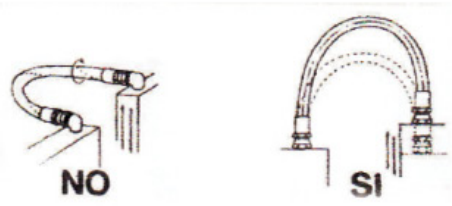
* MANGUERAS
- HIDRÁULICO
- RADIADOR
- TANQUE HIDRÁULICO
* CORREAS
* RESORTES
* FILTROS
* DIENTES
* TORNILLOS
* EMPAQUES
* BUJES
* PESADORES
* ARANDELAS DE AJUSTE
* SELLOS POLY PACK
* SELLOS ESPEJO
* TORNILLOS

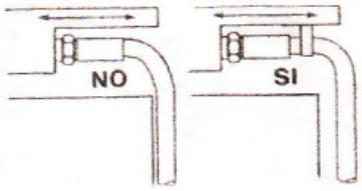
JCB · JOHN DEERE · DOOSAN · KATO · CAT · LIUGONG

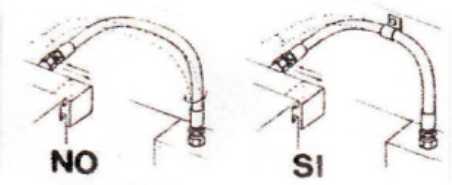
VOLVO · KOBELCO · HITACHI · NEW HOLLAND · HYUNDAI · KOMATSU · CASE CONSTRUCTION

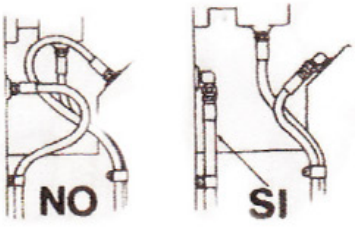
GUIA DE INSTALACIÓN DE MANGUERAS

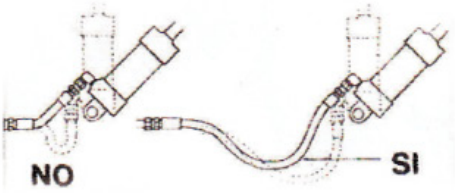


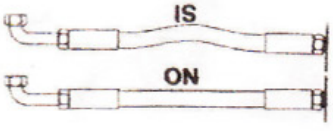


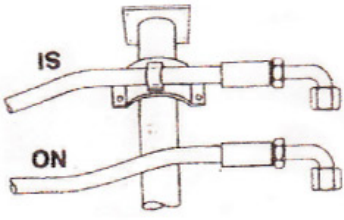


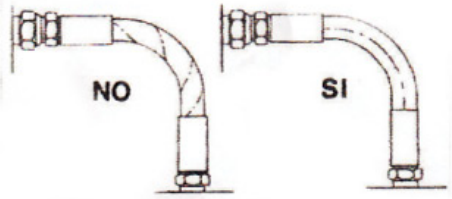












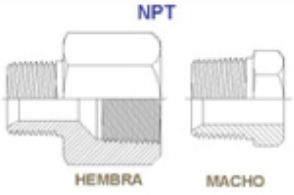
TIPOS DE SELLO HIDRAULICO

El sello es la acción de junta que se realiza entre terminales para evitar fugas. Una característica de un sistema hidráulico de poder es que debe estar libre de fugas.
Esto se puede lograr usando adecuadamente el sello elegido, de manera que podamos crear estanqueidad entre los elementos a emplear. Los principales tipos de sellos los podemos agrupar en:

- Sello a través de la ROSCA - Sello a través del ASIENTO - Sello a través del O'RING

SELLO A TRAVÉS DE LA ROSCA

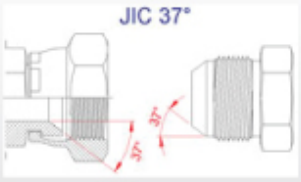
El más conocido es el NPT,que se caracteriza por ser una rosca cónica en donde el sello se produce cuando las caras de las roscas se ajustan entre ellas.
Este sello tiene la ventaja de que un ligero giro puede evitar una fuga.
Por otro lado la seguridad de este tipo de sello depende de que tan bien fabricados fueron los hilos de la rosca.



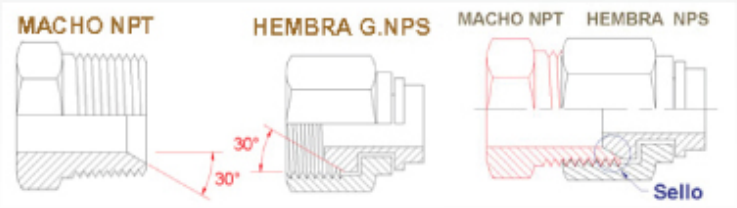
SELLO A TRAVÉS DEL ASIENTO

Se caracterizan por tener un sello metal con metal en un asiento formado por un ángulo determinado entre la rosca macho y la rosca
hembra.
Este tipo de sello se presenta, entre otros, en:

JIC 37°
SAE 45°
NPS
BSPP
entre otros. En los terminales JIC tanto el macho como la hembra presentan un asiento
cónico de 37° donde al unirse se produce el sello.



Cuando se acoplan el macho NPT con la hembra NPS el sello ocurre en el asiento de 30°



La mayoría de las fugas en este tipo de sello por asiento son causadas por:

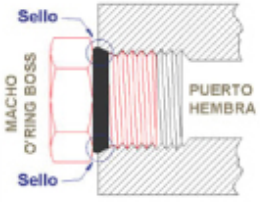
- El asiento mal fabricado
- Irregularidades en la cara de la superficie del asiento
- Falta de ajuste en la unión
- Recuerde que no es necesario usar un sellador para roscas.

SELLO A TRAVÉZ DEL O´RING

Es el tipo de sello más recomendado para un control óptimo y evitar fugas en los sistemas hidráulicos de alta y extrema presión.

Se caracterizan por llevar un O´ring el cual es el encargado de producir el sello. Se presentan en:

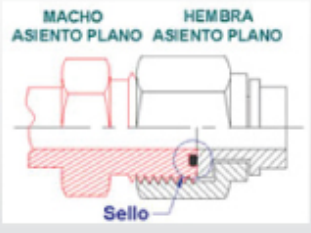
- O´ring Boss
- Asiento Plano
- Bridas Code 61 y Code 62
- Bridas tipo CAT y DCAT
- Métricos Light y Heavy entre otros.



En el tipo O´ring Boss el terminal macho lleva el o´ring y la hembra un chaflán donde se aloja el o´ring; el sello se realiza comprimiendo el o´ring dentro del chaflán.

El sello en el Asiento Plano se produce entre el o´ring del macho y la cara plana de la hembra.
Estos tipos de sellos son los más eficientes en trabajos de alta y extrema presión.

En el tipo Brida, el conector hembra (puerto) posee un orificio central sin rosca y cuatro orificios para pernos. El macho posee una cabeza de brida con un alojamiento para el o´ring.



ACOPLES INDUSTRIALES

Carrera 65 No. 25-128 PBX: 444 35 35
E-mail: acopleswsa@une.net.co
www.acopleswsa.com.co
Medellín - Colombia