

2023 v1.9



HERMANOS
alfaro

**CATALOGO RACORES Y
FRIO INDUSTRIAL**

*Stainless Hydraulic Connections
and Cold Elements*





ESTIMADOS SRES.,

HERMANOS ALFARO, S.L., ES UNA EMPRESA QUE DESDE 1980 HA AVANZADO PASO A PASO COMO TALLER DE MECANIZADOS. EN 1997 HEMOS OBTENIDO EL CERTIFICADO DE CALIDAD ISO-9001, POSTERIORMENTE ISO-14001 E ISO-45001, LO QUE ACREDITA LA IMPLANTACIÓN DE UN SISTEMA DE ASEGURAMIENTO DE LA CALIDAD EFICIENTE.

ENTRE LOS TRABAJOS DIVERSOS QUE REALIZAMOS, HEMOS DEDICADO UNA LÍNEA DE PRODUCCIÓN A LA RACORERÍA INOXIDABLE LLEGANDO A DISPONER DE CIERTO NUMERO DE REFERENCIAS EN STOCK Y CUMPLIENDO SIEMPRE CON EL MERCADO Y LAS NECESIDADES DE LAS INDUSTRIAS EN LOS SECTORES DE ALIMENTACIÓN, QUÍMICA, NAVAL, PETROLERAS, CONSTRUCCIÓN, ACUICULTURA, MINERÍA, PAPELERAS, AUTOMOCIÓN, ETC.

POR ELLO, ADJUNTAMOS A LA PRESENTE NUESTRO CATÁLOGO DE RACORES Y ELEMENTOS INOXIDABLES, CALIDAD AISI-316, PARA UTILIZAR EN LATIGUILLOS Y CIRCUITOS HIDRÁULICOS, CON LA CUAL ESPERAMOS SATISFACER SUS NECESIDADES. ADEMÁS ESTAMOS A SU DISPOSICIÓN PARA CUALQUIER CONSULTA Y OFERTA DE OTROS PRODUCTOS ESPECIALES.

SIN OTRO PARTICULAR, ESPERAMOS SEA EL PRESENTE MANUAL DE UTILIDAD PARA UD. Y NO DUDE EN HACERNOS LLEGAR SUS CONSULTAS.

ATENTAMENTE,

HERMANOS ALFARO, S.L.

DEAR SIR/MADAM,

HERMANOS ALFARO, S.L., IS A COMPANY THAT HAS ADVANCED STEP BY STEP AS A MACHINERY WORKSHOP SINCE 1980. IN 1997 WE OBTAINED THE ISO-9001, THEN ISO-14001 AND OHSAS-18001 QUALITY CERTIFICATE, WHICH GUARANTEES THE IMPLEMENTATION OF AN EFFICIENT QUALITY SYSTEM.

WE UNDERTAKE DIVERSE WORKS, BUT WE HAVE DEDICATED A PRODUCTION LINE TO STAINLESS STEEL HYDRAULIC COUPLING PIECES, WE ALSO RETAIN A CERTAIN NUMBER OF REFERENCES IN STOCK. WE ALWAYS FULFIL THE REQUIREMENTS OF MARKETS IN FOOD, CHEMICAL, NAVAL, OIL, CONSTRUCTION, AQUACULTURE, MINING AND AUTOMATION SECTORS, ETC.

ENCLOSED, YOU WILL FIND OUR CATALOGUE OF STAINLESS STEEL HYDRAULIC COUPLING PIECES, QUALITY AISI 316, FOR USE IN HYDRAULIC CIRCUITS, WHICH WE HOPE WILL SATISFY YOUR REQUIREMENTS.

SHOULD YOU REQUIRE ANY FURTHER INFORMATION, OR IF YOU WOULD LIKE A QUOTATION OF ANY OTHER CUSTOM PRODUCT, PLEASE DO NOT HESITATE TO CONTACT US.

YOURS FAITHFULLY,

HERMANOS ALFARO, S.L.



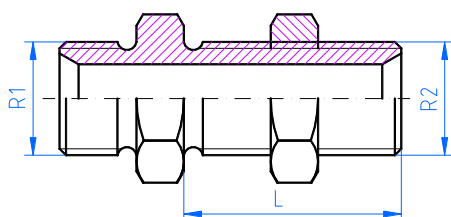
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RACORES INOXIDABLE / STAINLESS STEEL HYDRAULIC COUPLING

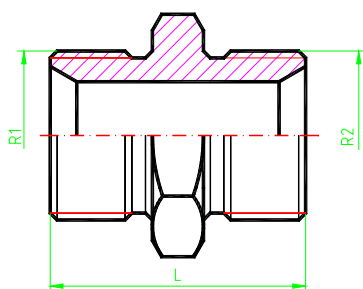
ROSCAS
GAS /
BSP

PASATABIQUES / LONG STRAIGHT THREAD CONNECTOR



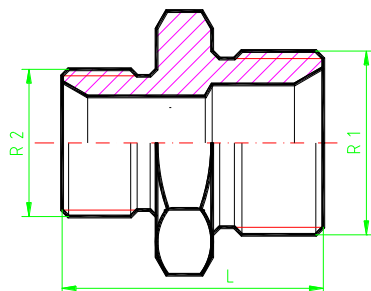
Referencia	R1	R2	L	Hex
I.005.06.06	1 / 4 "	1 / 4 "	37	19
I.005.10.10	3 / 8 "	3 / 8 "	40	22
I.005.13.13	1 / 2 "	1 / 2 "	40	27
I.005.19.19	3 / 4 "	3 / 4 "	40	32
I.005.25.25	1 "	1 "	57	41

UNION MACHO - MACHO / STRAIGHT THREAD CONNECTOR



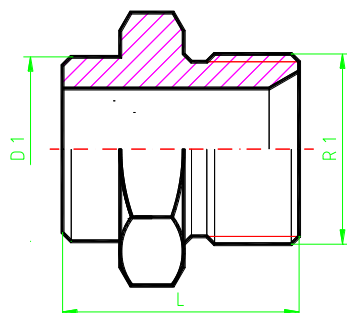
Referencia	R 1	R 2	L	Hexagonal
I.011.06.06	1 / 4 "	1 / 4 "	29	19
I.011.10.10	3 / 8 "	3 / 8 "	33	22
I.011.13.13	1 / 2 "	1 / 2 "	37	27
I.011.19.19	3 / 4 "	3 / 4 "	44	32
I.011.25.25	1 "	1 "	50	41
I.011.32.32	1 1/4 "	1 1/4 "	52	50
I.011.38.38	1 1/2 "	1 1/2 "	59	55
I.011.51.51	2 "	2 "	59	68

REDUCCIÓN MACHO - MACHO / STRAIGHT THREAD CONNECTOR



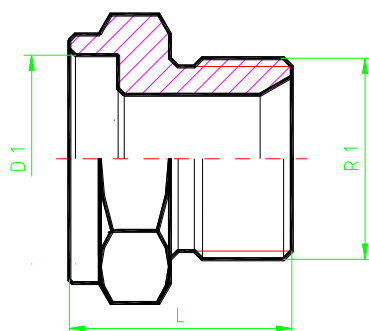
Referencia	R 1	R 2	L	Hexagonal
I.012.10.06	3 / 8 "	1 / 4 "	31	22
I.012.13.06	1 / 2 "	1 / 4 "	32	27
I.012.13.10	1 / 2 "	3 / 8 "	37	27
I.012.19.10	3 / 4 "	3 / 8 "	39	32
I.012.19.13	3 / 4 "	1 / 2 "	42	32
I.012.25.10	1 "	3 / 8 "	43	41
I.012.25.13	1 "	1 / 2 "	45	41
I.012.25.19	1 "	3 / 4 "	47	41
I.012.32.25	1 1/4 "	1 "	52	50
I.012.38.25	1 1/2 "	1 "	56	55
I.012.38.32	1 1/2 "	1 1/4 "	56	55

SOLDABLE MACHO-MACHO / WELDABLE MALE



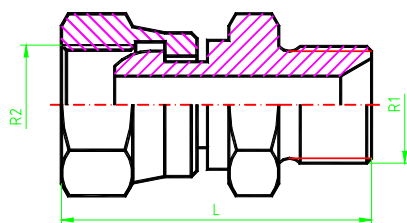
Referencia	R 1	D 1	L	Hexagonal
I.014.06.13	1 / 4 "	14	24	19
I.014.10.16	3 / 8 "	16	26	22
I.014.13.21	1 / 2 "	21	32	27
I.014.19.27	3 / 4 "	26	36	32
I.014.25.33	1 "	32	41	41
I.014.32.42	1 1/4 "	42	44	50
I.014.38.48	1 1/2 "	48	45	55
I.014.51.60	2"	60	58	68

SOLDABLE MACHO-HEMBRA / WELDABLE MALE-FEMALE



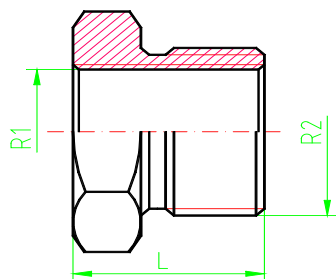
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I.013.06.13	1 / 4 "	14	21	19
I.013.10.16	3 / 8 "	17	23	22
I.013.13.21	1 / 2 "	22	27	27
I.013.19.27	3 / 4 "	27	32	32
I.013.25.33	1 "	34	36	41
I.013.32.42	1 1/4 "	42,5	40	50
I.013.38.48	1 1/2 "	49	43	55
I.013.51.60	2"	60	49	70

ADAPTADOR MACHO TUERCA LOCA / STRAIGHT-ADAPTOR BSP MALE 60°



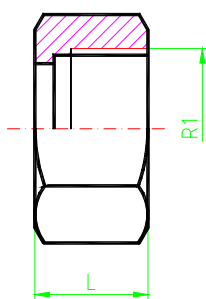
Referencia	R 1	R 2	L	Hexagonal
I.017.06.06	1 / 4 "	1 / 4 "	35	19
I.017.10.10	3 / 8 "	3 / 8 "	42	22
I.017.10.13	3 / 8 "	1 / 2 "	46	27
I.017.13.13	1 / 2 "	1 / 2 "	50	27
I.017.13.19	1 / 2 "	3 / 4 "	51	32
I.017.19.19	3 / 4 "	3 / 4 "	54	32
I.017.25.25	1 "	1 "	65	41

REDUCCION MACHO - HEMBRA / CONNECTOR MALE - FEMALE



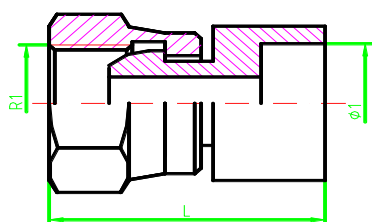
Referencia	R 1	R 2	L	Hexagonal
I.053.10.06	1 / 4 "	3 / 8 "	21	22
I.053.13.10	3 / 8 "	1 / 2 "	24	27
I.053.19.13	1 / 2 "	3 / 4 "	24	32
I.053.25.19	3 / 4 "	1 "	31	41

TUERCA GIRATORIA / NUT



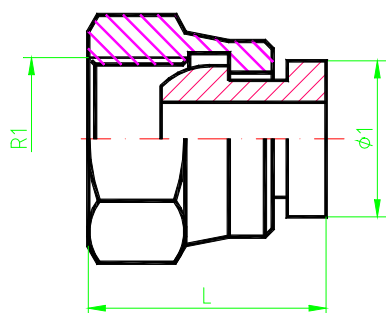
Referencia	R-1	L	Hexagonal
I.009.00.06	1 / 4 "	15	19
I.009.00.10	3 / 8 "	15,6	22
I.009.00.13	1 / 2 "	20	27
I.009.00.19	3 / 4 "	22	32
I.009.00.25	1 "	23,5	41
I.009.00.32	1 1/4 "	30	50
I.009.00.38	1 1/2 "	34	55

TUERCA GIRATORIA PARA SOLDAR HEMBRA / STRAIGHT ADAPTOR FEMALE



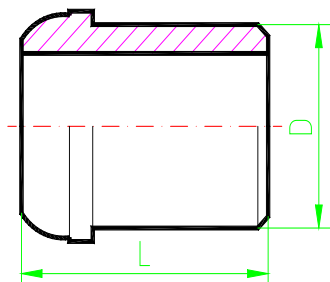
Referencia	R 1	Ø 1	L	Hexagonal
I.007.00.06	1 / 4 "	13	27	19
I.007.00.10	3 / 8 "	17	35	22
I.007.00.13	1 / 2 "	22	37	27
I.007.00.19	3 / 4 "	27	38	32
I.007.00.25	1 "	34	44	41

TUERCA GIRATORIA PARA SOLDAR / STRAIGHT-ADAPTOR BSP



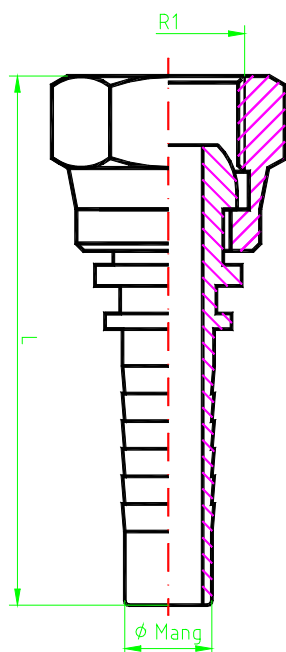
Referencia	R-1	Ø 1	L	Hexagonal
I.008.00.06	1 / 4 "	13	20	19
I.008.00.10	3 / 8 "	16	23	22
I.008.00.13	1 / 2 "	20	26	27
I.008.00.19	3 / 4 "	26	31,5	32
I.008.00.25	1 "	35	38	41

BOQUILLA PARA SOLDAR / CAP



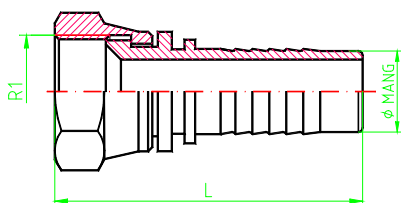
Referencia	D	L
I.041.00.06	9	21,5
I.041.00.10	12	25
I.041.00.13	15	30
I.041.00.19	21	32
I.041.00.25	26,5	36
I.041.00.32	33,5	48
I.041.00.38	38,5	53

ESPIGA HEMBRA TUERCA GIRATORIA / TAPERED NIPPLE FOR FITTINGS



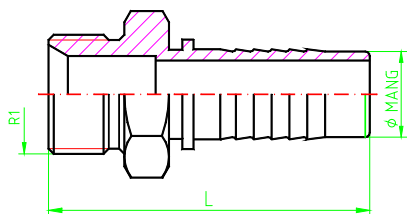
Referencia	R 1	Manguera	L	Hexagonal
I.016.06.06H	1 / 4 "	1 / 4 "	50	19
I.016.06.10H	3 / 8 "	1 / 4 "	55	22
I.016.10.06H	1 / 4 "	3 / 8 "	52	19
I.016.10.10H	3 / 8 "	3 / 8 "	57	22
I.016.10.13H	1 / 2 "	3 / 8 "	61	27
I.016.13.13H	1 / 2 "	1 / 2 "	63	27
I.016.13.19H	3 / 4 "	1 / 2 "	63	32
I.016.19.19H	3 / 4 "	3 / 4 "	72	32
I.016.25.25H	1 "	1 "	91	41
I.016.32.32H	1 1/4 "	1 1/4 "	105	50
Asiento plano				
I.016.10.10HP	3 / 8 "	3 / 8 "	56	22
I.016.10.13HP	1 / 2 "	3 / 8 "	61	27
I.016.13.13HP	1 / 2 "	1 / 2 "	63	27
I.016.19.19HP	3 / 4 "	3 / 4 "	72	32

ESPIGA CONO INVERTIDO / JIC 37° FEMALE NIPPLE WITH NUT



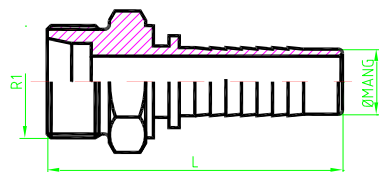
Referencia	R 1	Manguera	L	Hexagonal
I.116.08.14	9 / 16 "	5 / 8 "	56	19
I.116.10.14	9 / 16 "	3 / 8 "	56	19
I.116.10.16	5 / 8 "	3 / 8 "	60	22
I.116.10.19	3 / 4 "	3 / 8 "	61	24
I.116.13.19	3 / 4 "	1 / 2 "	63	24
I.116.13.22	7 / 8 "	1 / 2 "	65	27
I.116.16.19	3 / 4 "	5 / 8 "	65	24
I.116.16.22	7 / 8 "	5 / 8 "	67	27

ESPIGA FIJA / MALE NIPPLE 60°



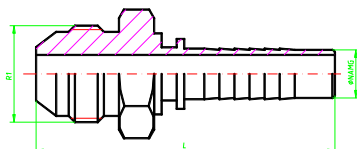
Referencia	R 1	Manguera	L	Hexagonal
I.002.00.06H	1 / 4 "	1 / 4 "	51	17
I.002.10.06H	1 / 4 "	3 / 8 "	53	17
I.002.00.10H	3 / 8 "	3 / 8 "	56	22
I.002.00.13H	1 / 2 "	1 / 2 "	62.5	27
I.002.00.19H	3 / 4 "	3 / 4 "	74	32
I.002.00.25H	1 "	1 "	94	41
I.002.19.13H	1 / 2 "	3 / 4 "	72	27

ESPIGA FIJA METRICA / MALE NIPPLE 60°



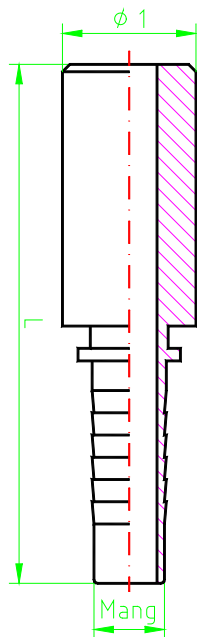
Referencia	R 1	Manguera	L	Hexagonal
I.003.13.22	M22X150	1 / 2 "	58	24

ESPIGA FIJA MACHO - JIC / JIC 37° - MALE NIPPLE



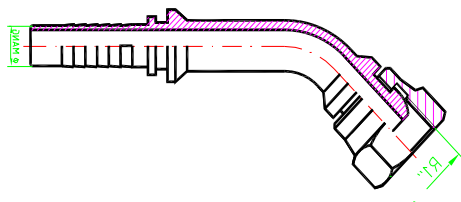
Referencia	R 1	Manguera	L	Hexagonal
I.004.10.14	9 / 16 "	3 / 8 "	58	17
I.004.10.19	3 / 4 "	3 / 8 "	60	19
I.004.13.19	3 / 4 "	1 / 2 "	62	22
I.004.13.22	7 / 8 "	1 / 2 "	66	24
I.004.16.22	7 / 8 "	5 / 8 "	69	24

ESPIGA LISA / PIPE CONNECTOR



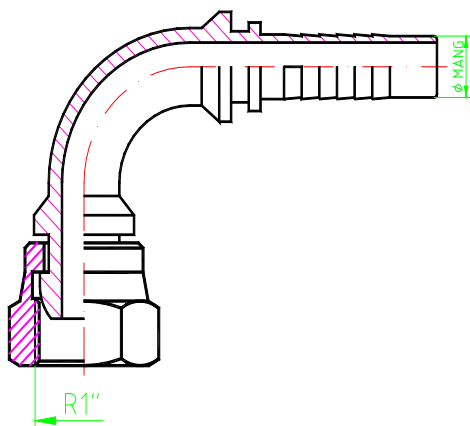
Referencia	D 1	Manguera	L
I.018.06.06H	6	1 / 4 "	58
I.018.08.06H	8	1 / 4 "	58
I.018.10.06H	10	1 / 4 "	58
I.018.10.10H	10	3 / 8 "	70
I.018.12.06H	12	1 / 4 "	58
I.018.12.10H	12	3 / 8 "	70
I.018.14.06H	14	1 / 4 "	58
I.018.14.10H	14	3 / 8 "	70
I.018.14.13H	14	1 / 2 "	76
I.018.15.10H	15	3 / 8 "	70
I.018.16.10H	16	3 / 8 "	68
I.018.16.13H	16	1 / 2 "	76
I.018.18.10H	18	3 / 8 "	68
I.018.18.13H	18	1 / 2 "	76
I.018.20.13H	20	1 / 2 "	76

CODO TUERCA GIRATORIA A 45° / TAPERED NIPPLE FOR FITTINGS 45°



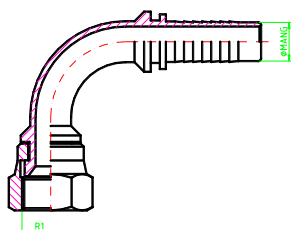
Referencia	R-1	Manguera	Hexagonal
I.122.00.10H	3 / 8 "	3 / 8 "	22
I.122.00.13H	1 / 2 "	1 / 2 "	27

CODO TUERCA GIRATORIA A 90° / TAPERED NIPPLE FOR FITTINGS 90°



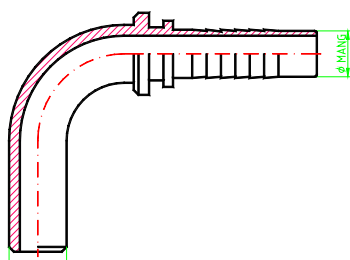
Referencia	R-1	Manguera	Hexagonal
I.022.00.06H	1 / 4 "	1 / 4 "	19
I.022.00.10H	3 / 8 "	3 / 8 "	22
I.022.00.13H	1 / 2 "	1 / 2 "	27
I.022.00.19H	3 / 4 "	3 / 4 "	32
I.022.00.25H	1 "	1 "	41
I.022.00.32H	1 1 / 4 "	1 1 / 4 "	50
I.022.10.13H	1 / 2 "	3 / 8 "	27
Asiento plano			
I.022.00.10HP	3 / 8 "	3 / 8 "	22

CODO HEMBRA GIRATORIA - JIC / JIC 37° - TAPERED NIPPLE FOR FITTINGS



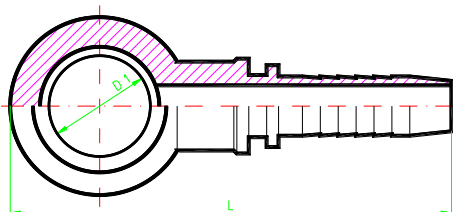
Referencia	R 1	Manguera	Hexagonal
I.028.10.19	3 / 4 "	3 / 8 "	24
I.028.13.19	3 / 4 "	1 / 2 "	24
I.028.13.22	7 / 8 "	1 / 2 "	27
I.028.16.22	7 / 8 "	5 / 8 "	27

ESPIGA LISA 90° / PIPE CONECTOR 90°



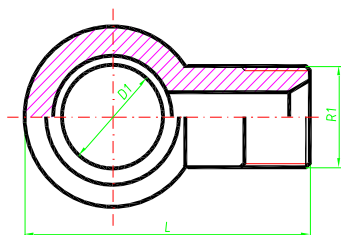
Referencia	Manguera	Ø 1
I.023.13.18	1 / 2 "	18

OJIVAS / SPINNER



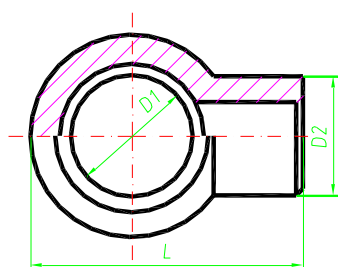
Referencia	D 1	Manguera	L
I.019.13.06	13	1 / 4 "	65
I.019.17.10	17	3 / 8 "	74
I.019.21.10	21.5	3 / 8 "	76.5
I.019.21.13	21.5	1 / 2 "	78

OJIVAS ROSCADAS / SPINNER



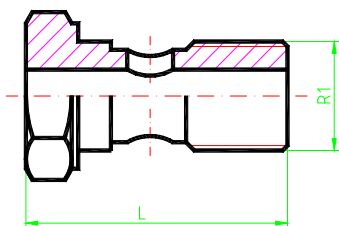
Referencia	D 1	R 1	L
I.027.06.06	13,4	1 / 4 "	38
I.027.10.10	17	3 / 8 "	47

OJIVAS PARA SOLDAR / SPINER



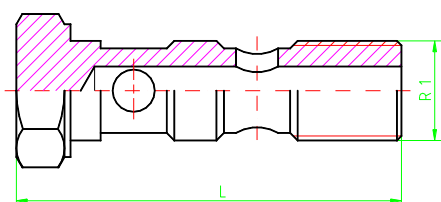
Referencia	D 1	D 2	L
I.029.13.21	21,5	1 / 2 "	51,5
I.029.19.27	27	3 / 4 "	60,5

TORNILLO PARA OJIVA / SPINNER SCREW



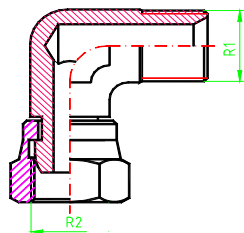
Referencia	R-1	L	Hexagonal
I.010.06.06	1 / 4 "	33	19
I.010.10.10	3 / 8 "	40	22
I.010.13.13	1 / 2 "	49	27
I.010.19.19	3 / 4 "	56	32

TORNILLO DOBLE OJIVA / SPINNER DOUBLE SCREW



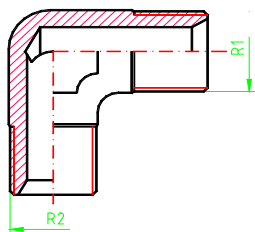
Referencia	R-1	L	Hexagonal
I.006.10.10	3 / 8 " G	64	22
I.006.13.13	1 / 2 " G	72	27

CODO 90° MACHO - TUERCA LOCA / ELBOW ADAPTOR MALE-FEMALE



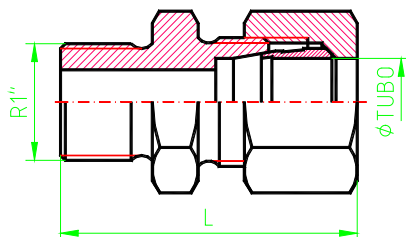
Referencia	R-1	R-2	Hexagonal
I.024.10.10	3 / 8 "	3 / 8 "	22
I.024.13.13	1 / 2 "	1 / 2 "	27
I.024.19.19	3 / 4 "	3 / 4 "	32
I.024.25.25	1"	1"	41

CODO 90° MACHO - MACHO / ELBOW ADAPTOR MALE - MALE



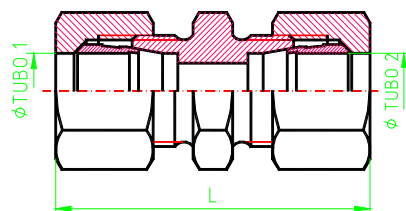
Referencia	R 1	R 2
I.026.10.10	3 / 8 "	3 / 8 "

ADAPTADOR MACHO - TUBO / MALE STUD COUPLING



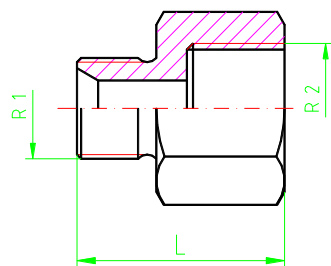
Referencia	R 1	Tubo	L	Hexagonal
I.020.04.06	1 / 8 "	6	34	14
I.020.06.06	1 / 4 "	6	40	19
I.020.10.12	3 / 8 "	12	42	22
I.020.10.15	3 / 8 "	15	54	27
I.020.10.16	3 / 8 "	16	54	32
I.020.13.12	1 / 2 "	12	49	22
I.020.13.15	1 / 2 "	15	54	27
I.020.13.18	1 / 2 "	18	54	32
I.020.13.21	1 / 2 "	21,7	55,5	36
I.020.19.26	3 / 4 "	27	56,5	41
I.020.25.26	1 "	27	61	41
I.020.25.33	1 "	33,8	62	55

ADAPTADOR TUBO - TUBO / STRAIGHT COUPLING



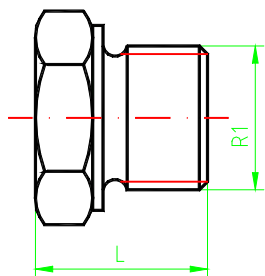
Referencia	Tubo 1	Tubo 2	L	Hexagonal
I.021.12.12	12	12	51	22
I.021.15.15	15	15	63	27
I.021.16.16	16	16	66	32
I.021.17.17	17	17	66	32
I.021.18.18	18	18	66	32
I.021.20.20	20	20	66	36
I.021.21.21	21,7	21,7	66	36
I.021.26.26	27	27	70	41
I.021.33.33	34	34	72	55

PROLONGACION MACHO - HEMBRA / FEMALE CONNECTOR



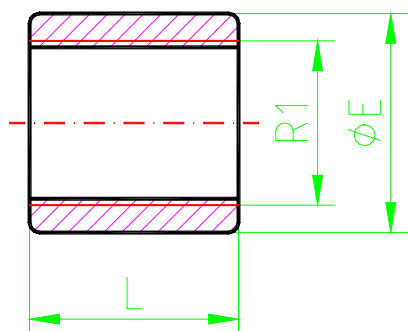
Referencia	R 1	R 2	L	Hexagonal
I.051.06.06	1 / 4 "	1 / 4 "	29	19
I.051.06.10	1 / 4 "	3 / 8 "	31	22
I.051.06.13	1 / 4 "	1 / 2 "	34	27
I.051.10.10	3 / 8 "	3 / 8 "	33	22
I.051.10.13	3 / 8 "	1 / 2 "	34	27
I.051.13.10	1 / 2 "	3 / 8 "	36	27
I.051.13.13	1 / 2 "	1 / 2 "	35	27
I.051.13.19	1 / 2 "	3 / 4 "	41	32
I.051.19.13	3 / 4 "	1 / 2 "	39	32
I.051.19.19	3 / 4 "	3 / 4 "	43	32
I.051.25.25	1 "	1 "	51	41

TAPON MACHO / PLUG MALE



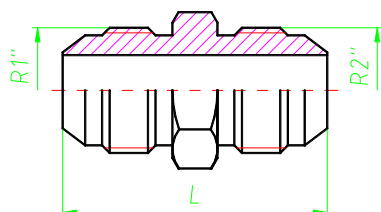
Referencia	R-1	L	Hexagonal
I.025.06	1 / 4 "	19	19
I.025.10	3 / 8 "	21,5	22
I.025.13	1 / 2 "	25	27
I.025.19	3 / 4 "	27	32
I.025.25	1 "	31	41

MANGUITO HEMBRA / SLEEVE



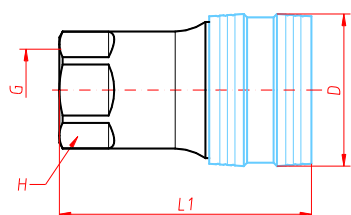
Referencia	R 1	Ø E	L
I.015.00.06	1 / 4 "	18	25
I.015.00.10	3 / 8 "	21	26
I.015.00.13	1 / 2 "	26	33
I.015.00.19	3 / 4 "	32	35
I.015.00.25	1 "	40	42
I.015.00.32	1 ¼ "	50	45
I.015.00.38	1 ½ "	55	50

MACHO - MACHO - JIC / JIC 37° STRAIGHT - ADAPTOR



Referencia	R 1	Manguera	Hexagonal	L
I.200.19.19	3 / 4 "	3 / 4 "	19	40
I.200.22.22	7 / 8 "	7 / 8 "	24	47

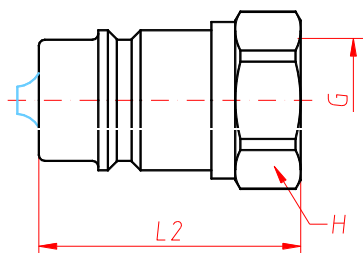
ENCHUFE RÁPIDO - HEMBRA / QUICK RELEASE COUPLING - FEMALE



Referencia	D	G	H	L 1
I.032.13.01	40	1/2	27	67

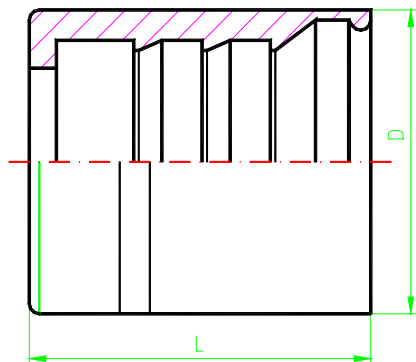
EMBOLO EN AISI420 TEMPLADO

ENCHUFE RÁPIDO - MACHO / QUICK RELEASE COUPLING - MALE



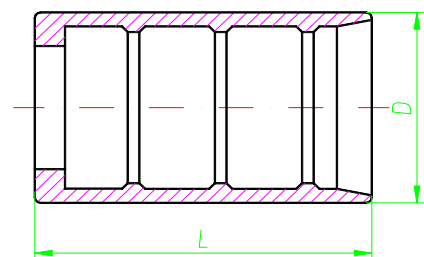
Referencia	G	H	L 2
I.032.13.02	1/2	27	47
EMBOLO EN AISI420 TEMPLADO			

CASQUILLO PARA PRENSAR R1 o R2 / FERRULES



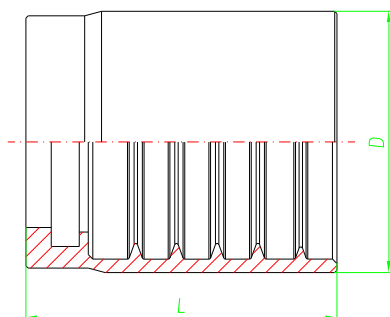
Referencia	Manguera	D	L
I.144.06.R1H	1 / 4 "	21	31
I.144.06.R2H	1 / 4 "	21	30
I.144.10.R1H	3 / 8 "	24	32
I.144.10.R2H	3 / 8 "	25	30
I.144.13.R1H	1 / 2 "	28	34
I.144.13.R2H	1 / 2 "	30	34
I.144.16.R1H	5 / 8 "	32	37
I.144.16.R2H	5 / 8 "	34	36
I.144.19.R1H	3 / 4 "	36	43
I.144.19.R2H	3 / 4 "	38	46
I.144.25.R1H	1 "	43	50
I.144.25.R2H	1 "	46	50
I.144.32.R1H	1 1/4 "	50	59
I.144.32.R2H	1 1/4 "	56	58

CASQUILLO PARA PRENSAR MANG. PELAR / FERRULES



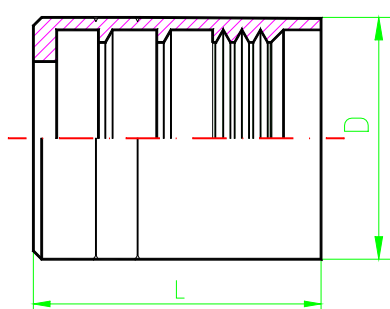
Referencia	Manguera	D	L
I.144.06.R7	1 / 4 "	17	29
I.144.10.R7	3 / 8 "	21	31
I.144.13.R7	1 / 2 "	25,5	34

CASQUILLO PARA PRENSAR R1.R2 MANG. SIN PELAR / FERRULES



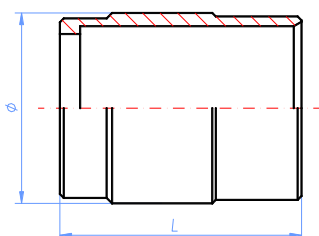
Referencia	Manguera	D	L
I.148.10	3 / 8 "	26	32
I.148.13	1 / 2 "	29	34
I.148.19	3 / 4 "	37	42
I.148.25	1 "	46	51
I.148.38	1 1/2 "	67	67

CASQUILLO PARA PRENSAR MANG. SIN PELAR / FERRULES NON SKIVES



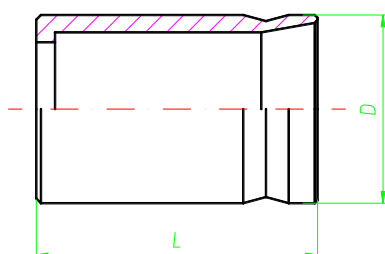
Referencia	Manguera	D	L
I.145.06.R2H	1 / 4 "	22	30,5
I.145.10.R2H	3 / 8 "	26	33,5
I.145.13.R2H	1 / 2 "	29	34,5
I.145.16.R2H	5 / 8 "	33	37
I.145.19.R2H	3 / 4 "	37	42,5
I.145.25.R2H	1 "	47	51,5

CASQUILLO TEFLÓN / FERRULES



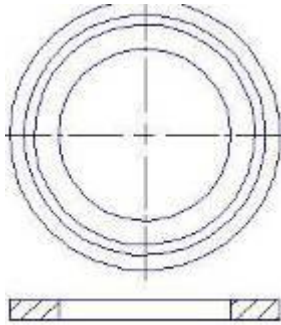
Referencia	Manguera	D	L
I.146.00.10	3 / 8 "	20	29,5
I.146.00.13	1 / 2 "	24.4	31
I.146.00.19	3 / 4 "	31	39

CASQUILLO VAPOR / STEAM FERRULES



Referencia	Manguera	D	L
I.147.10	3 / 8 "	20	30
I.147.13	1 / 2 "	25	30
I.147.19	3 / 4 "	33	38
I.147.25	1 "	40	45

JUNTAS METAL-GOMA INOXIDABLE

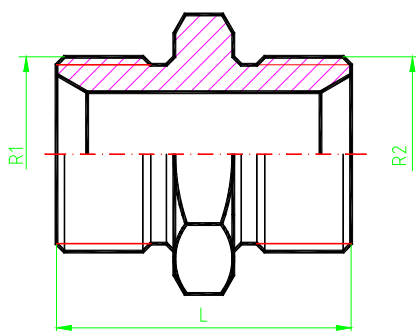


Referencia	Medida
I.150.06	1 / 4 "
I.150.10	3 / 8 "
I.150.13	1 / 2 "
I.150.19	3 / 4 "
I.150.25	1 "

RACORES ACERO

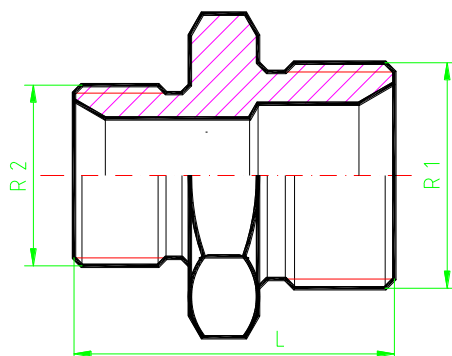
STEEL HYDRAULIC COUPLING

UNION MACHO-MACHO



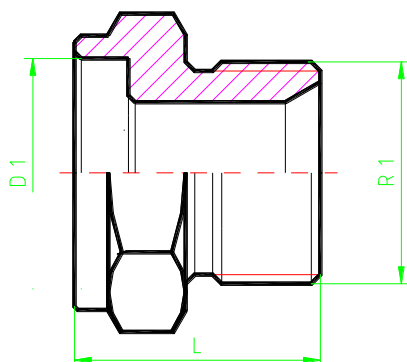
Referencia	Descripción
A.0110404	UNION M-M 1/8 "
A.0110606	UNION M-M 1/4 "
A.0111010	UNION M-M 3/8"
A.0111313	UNION M-M 1/2 "
A.0111919	UNION M-M 3/4 "
A.0112525	UNION M-M 1 "
A.0113232	UNION M-M 1 ¼ "
A.0113838	UNION M-M 1 ½ "
A.0115151	UNION M-M 2"

REDUCCION MACHO-MACHO



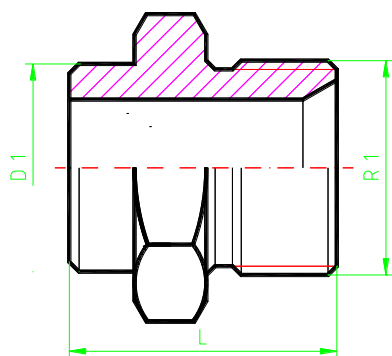
Referencia	Descripción
A.0120604	REDUCCION M-M 1/4" - 1/8"
A.0121006	REDUCCION M-M 3/8" - 1/4"
A.0121306	REDUCCION M-M 1/2" - 1/4"
A.0121310	REDUCCION M-M 1/2" - 3/8"
A.0121910	REDUCCION M-M 3/4" - 3/8"
A.0121913	REDUCCION M-M 3/4" - 1/2"
A.0122513	REDUCCION M-M 1" - 1/2"
A.0122519	REDUCCION M-M 1" - 3/4"
A.0123219	REDUCCION M-M 1 ¼" - 3/4"
A.0123225	REDUCCION M-M 1 ¼" - 1"
A.0123819	REDUCCION M-M 1 ½" - 3/4"
A.0123825	REDUCCION M-M 1 ½" - 1"
A.0123832	REDUCCION M-M 1 ½" - 1 ¼"
A.0125132	REDUCCION M-M 2" - 1 ¼"
A.0125138	REDUCCION M-M 2" - 1 ½"

SOLDABLE MACHO-HEMBRA



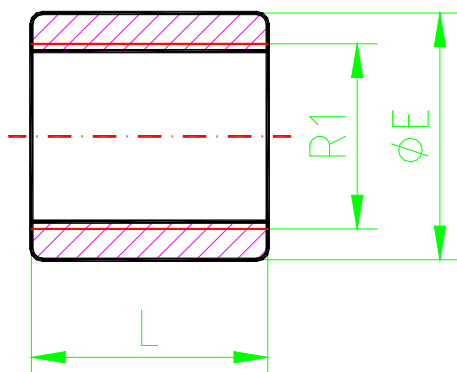
Referencia	Descripción
A.0130613	SOLDABLE M-H 1/4"
A.0131016	SOLDABLE M-H 3/8"
A.0131321	SOLDABLE M-H 1/2"
A.0131927	SOLDABLE M-H 3/4"
A.0132533	SOLDABLE M-H 1"
A.0133242	SOLDABLE M-H 1 1/4"
A.0133848	SOLDABLE M-H 1 1/2"
A.0135160	SOLDABLE M-H 2"

SOLDABLE MACHO-MACHO



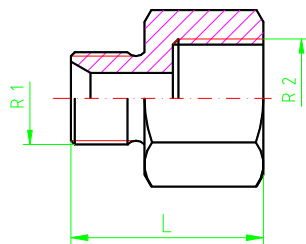
Referencia	Descripción
A.0140613	SOLDABLE M-M 1/4"
A.0141016	SOLDABLE M-M 3/8"
A.0141321	SOLDABLE M-M 1/2"
A.0141927	SOLDABLE M-M 3/4"
A.0142533	SOLDABLE M-M 1"
A.0143242	SOLDABLE M-M 1 1/4"
A.0143848	SOLDABLE M-M 1 1/2"
A.0145160	SOLDABLE M-M 2"

MANGUITO HEMBRA



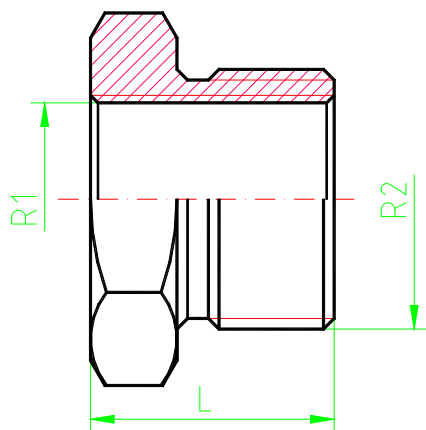
Referencia	Rosca	ØE	L
A.0150004	1/8 "	16	22
A.0150006	1/4 "	20	24
A.0150010	3/8 "	24	30
A.0150013	1/2 "	30	34
A.0150019	3/4 "	36	36
A.0150025	1 "	45	42
A.0150032	1 1/4 "	57	45
A.0150038	1 1/2 "	60	50
A.0150051	2 "	71	70

PROLONGACION MACHO - HEMBRA



Referencia	Descripción
A.0511010	PROLONGACION 3/8"
A.0511313	PROLONGACION 1/2"
A.0511919	PROLONGACION 3/4"
A.0512525	PROLONGACION 1"

REDUCCION MACHO - HEMBRA

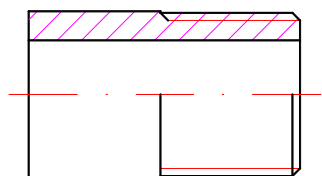


Referencia	Descripción
A.0531006	REDUCCIONES 3/8" - 1/4"
A.0531306	REDUCCIONES 1/2" - 1/4"
A.0531310	REDUCCIONES 1/2" - 3/8"
A.0531910	REDUCCIONES 3/4" - 3/8"
A.0531913	REDUCCIONES 3/4" - 1/2"
A.0532510	REDUCCIONES 1" - 3/8"
A.0532513	REDUCCIONES 1" - 1/2"
A.0532519	REDUCCIONES 1" - 3/4"
A.0533219	REDUCCIONES 1 1/4" - 3/4"
A.0533225	REDUCCIONES 1 1/4" - 1"

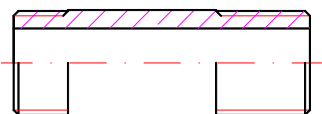
FRIO INDUSTRIAL

/

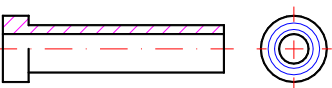
Industrial Cold



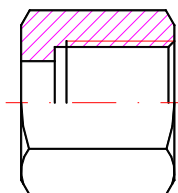
Referencia	Descripción
FRIO.0002	Purgador 1/2" acero



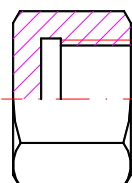
FRIO.0003	Tubo roscado en extremos 1/2" x L=60
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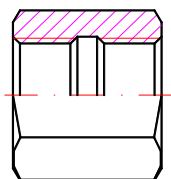
FRIO.0004	Boquilla 1/2" x L=60
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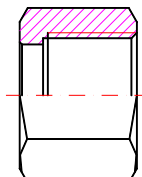
FRIO.0005	Tuerca R 1/2" x Largo 26
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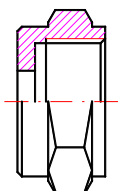
FRIO.0001	Tuerca ciega R 1/2" purga asiento plano
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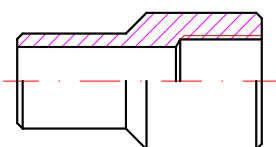
FRIO.010	Tuerca Derecha - Izquierda R 1/2"
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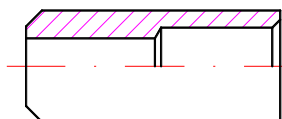
Referencia	Descripción
0265.016	Tuerca hierro R 3/4"



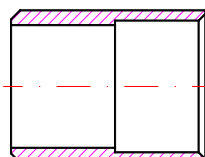
0265.018	Tuerca 1" 1/8 U.N.F.
0265.025	Tuerca 1" 7/8 x 12h U.N.F.



FRIO.006	Soldable R 3/8"
FRIO.007	Soldable R 1/4"
FRIO.025	Soldable R 1/2"

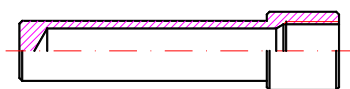


FRIO.011	Manguito Niple soldable 1/4"
FRIO.012	Manguito Niple soldable 3/8"
FRIO.013	Manguito Niple soldable 1/2"
FRIO.014	Manguito Niple soldable 5/8"
FRIO.015	Manguito Niple Soldable 3/4"
FRIO.016	Manguito Niple soldable 7/8"



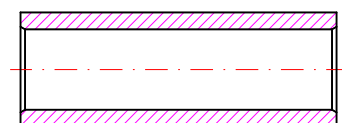
FRIO.022	Manguito Soldable Niple 1 1/8"
FRIO.023	Manguito Soldable Niple 1 3/8"
FRIO.024	Manguito Soldable Niple 1 5/8"
FRIO.026	Manguito Soldable Niple 1 1/2"

FRIO.008	Tintero R 1/2" x Largo 110
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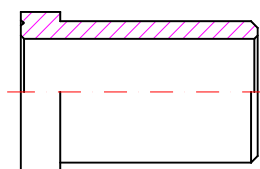
FRIO.009

Tintero R 1/2" x Largo 168



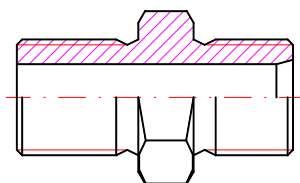
0187.006

Bulón para pistón K-70



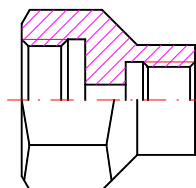
0265.017

Boquilla 3/4" asiento plano



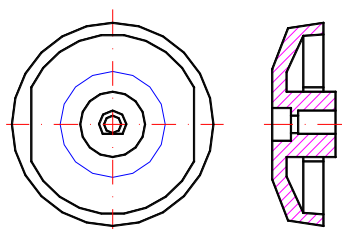
0187.004

Unión Macho – Macho 1/2" (Prolongado)



0187.005

Reducción H-H R1/2" a R1/4"



FRIO.018

Volante aluminio Ø70.

FRIO.019

Volante aluminio Ø105.

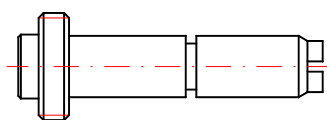
FRIO.020

Volante aluminio Ø140.

FRIO.021

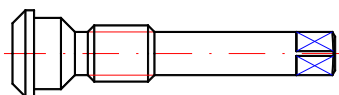
Volante aluminio Ø275.

** CONSULTAR STOCK DISPONIBLE



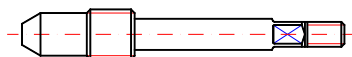
0265.002

Eje presión R1/2" Inox



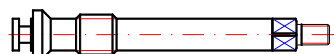
0187.003

Vástago válvula R1/4" Inox



0265.003

Vástago válvula M16 x 150 x L=104. Inox



0265.005

Vástago válvula R 5/8" x L=125. Inox

0265.006

Vástago válvula R 5/8" x L=147. Inox

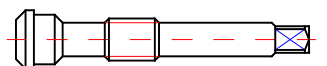


0265.007

Vástago válvula 5/8"UNF x L=160 Inox

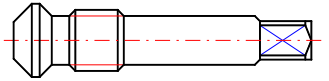
0265.008

Vástago válvula M10 x L=160 Inox



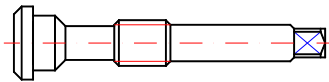
0265.009

Vástago válvula M10 x 125 x L=160 Inox



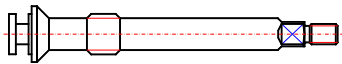
0265.010

Vástago válvula M10 x 100 x L=49 Inox



0265.026

Vástago válvula M10 x L=68 Inox



0265.027

Vástago válvula R 5/8" x L=129

TABLA DE PRENSADO

CASQUILLOS R1 : PELAR R1A

REF	MANGUERA	Ø EXT	LONGITUD	PRENSADO
I.14406R1H	1/4"	20,5	31	18,3
I.14410R1H	3/8"	24	32	21,7
I.14413R1H	1/2"	28,5	34	25,7
I.14416R1H	5/8"	32	36,5	29,5
I.14419R1H	3/4"	36	43	33,5
I.14425R1H	1"	43	50	39,8
I.14432R1H	1 1/4"	50	59	47

CASQUILLOS R2 : PELAR R2A

REF	MANGUERA	Ø EXT	LONGITUD	PRENSADO
I.14406R2H	1/4"	21	30	16,6
I.14410R2H	3/8"	25	31,5	21,5
I.14413R2H	1/2"	30	34	26,3
I.14416R2H	5/8"	33,5	36,5	29,6
I.14419R2H	3/4"	38	46	33,8
I.14425R2H	1"	46	50	42,2
I.14432R2H	1 1/4"	56	59	50

CASQUILLOS R2 : SIN PELAR R2AT

REF	MANGUERA	Ø EXT	LONGITUD	PRENSADO
I.14506R2H	1/4"	22	30,5	18
I.14510R2H	3/8"	26	33,5	22
I.14513R2H	1/2"	29	34,5	24,4
I.14516R2H	5/8"	33	37	28,7
I.14519R2H	3/4"	37	42,5	32,6
I.14525R2H	1"	46,5	51,5	41

TRABAJOS DE TALLER

- Fabricación de piezas en todo tipo de materiales (aceros, plásticos, etc.) según planos o muestras, en máquinas de control numérico (tornos y centros de mecanizado) hasta una longitud de 4 metros y 6 metros de diámetro. Como recorrería hidráulica, tornillos, pernos, husillos, reducciones, matrices, levas, horquillas, correderas, etc.
- Construcción de pequeña calderería, conjuntos de mecano-soldadura, equipos para instalaciones industriales, recuperado de piezas con duro-cromo, fabricación de utillajes.
- Reparación y verificación de motores. Rectificado y encasquillado de bielas y cilindros, recuperación con soldadura de culatas, etc.
- Oficina técnica para diseño y construcción de máquinas y utillajes a medida de acuerdo con las especificaciones del cliente.

OBRAS EXTERIORES ("IN SITU")

- Mecanizado "in situ" de líneas de ejes, pinzotes, limeras, bloques y cárteres de motores, asientos de camisas, chumaceras, alojamientos de rodillos, alojamientos de rodamientos, poleas de gran diámetro, alojamientos de asientos de propulsores azimutales (*VOITH, SCHOTTEL, LIPS*), todo ello comprobado y verificado con alineador óptico de gran precisión. Nos adaptamos a cualquier nuevo trabajo de mecanizado "in situ"
- Rectificado de muñequillas de cigüeñal en biela y bancada, alojamientos de rodamientos, rodillos de prensas, cilindros de gran diámetro en su diámetro interior y exterior, planificado de asiento de bridas de torres eólicas.
- Cierres de bocina para buques Cierres para ejes de pala de timón. Cierres obturadores para bombas de fluidos

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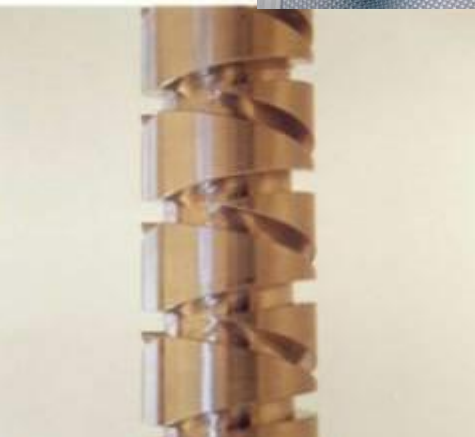
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