



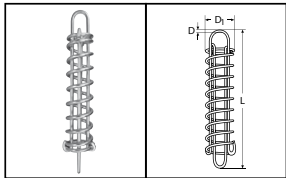
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NÁUTICA



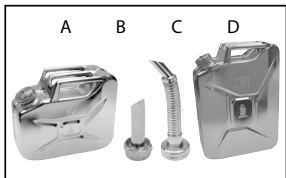
TIM 8161 /// AMORTIGUADOR



L mm	D mm	D1 mm
270	6	65
320	7	73
390	9	84
410	11	90

A2/AISI 304

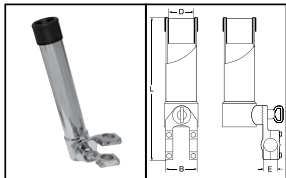
TIM 8311 /// BIDON



A	10 Litros
D	20 Litros

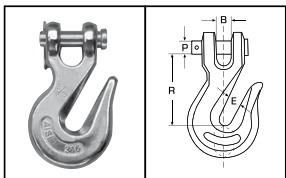
A2/AISI 304

TIM 8548 /// SOPORTE CAÑA PESCAR



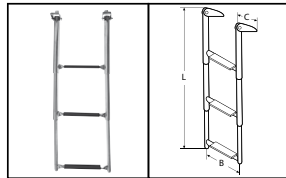
L mm	D mm	B mm	E mm	PU.
360	40	65	25,5	1

TIM 8388 /// GANCHO CADENAS



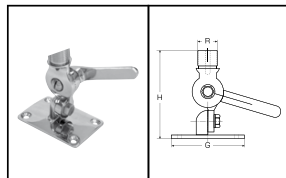
Größe für Kette Ø mm	B mm	E mm	P mm	R mm	PU.
6+8	11	9	9	46	5
10	13	11	11	54	5
13	15	12	12	58	5

TIM 8437 /// ESCALERA TELESCOPICA



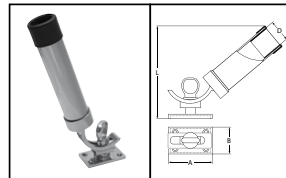
Peldaños	L mm	B mm	C mm	L mm
2	595	254	178	340
3	870	254	178	375
4	1.160	254	245	410

TIM 8279 /// SOPORTE ANTENA



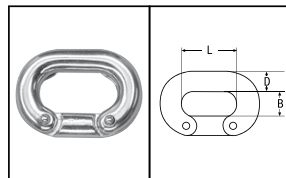
G x F mm	H mm	R Inch
92 x 64	108	3/4"

TIM 8549 /// SOPORTE CAÑA PESCAR



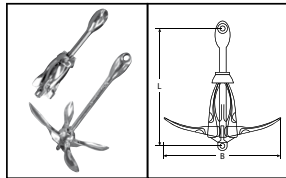
L mm	D mm	A mm	B mm	PU.
340	40	89	55	1

TIM 8308 /// ESLABON REMACHAR



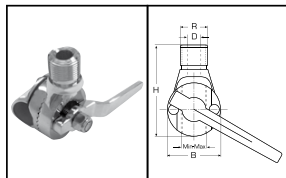
D mm	B mm	L mm	PU.
5	9	17,5	10
6	13	21,0	10
8	13	24,0	5
10	15	29,0	5

TIM 8302 /// REZON PLEGABLE BRILLANTE



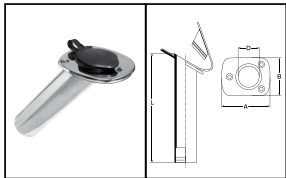
Aprox kg	L mm	B mm
2,5	340	330
4,0	410	400
6,0	465	520

TIM 8332 /// SOPORTE ANTENA



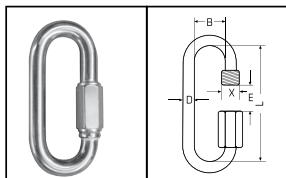
H mm	B mm	D mm	R Inch	Min./Max. mm
85	50	12,6	3/4"	22 - 25

TIM 8550 /// SOPORTE CAÑA PESCAR



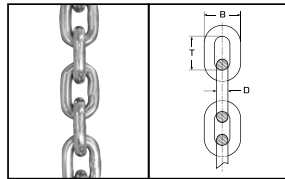
L mm	D mm	A mm	B mm	PU.
260	40	113	90	1

TIM 8253 /// NALLON RAPIDO



D mm	L mm	B mm	X mm	E mm	PU.
4	32	12	5,5	5,5	20
5	39	13	6,0	6,5	20
6	45	14	7,5	7,5	20
8	58	17	11,0	10,0	10
10	69	21	12,0	12,0	10
12	81	24	16,0	14,5	5

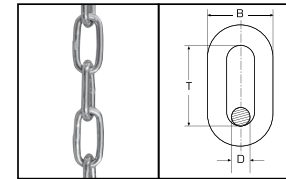
TIM 8070 /// CADENA DE ACERO, ESLABONES DIN 766



Diam mm	Long m	B mm	T mm	Peso kg/m	Fractura kN
2	100	8,0	12,0	0,07	1,25 DIN 5685
3	100	12,0	16,0	0,17	2,80 DIN 5685
4	100	13,6	16,0	0,32	8,00
5	100	17,0	18,5	0,50	12,50
6	100	20,4	18,5	0,80	16,00
8	100	27,2	24,0	1,40	32,00
10	100	36,0	28,0	2,30	50,00
13	100	47,0	36,0	3,90	80,00

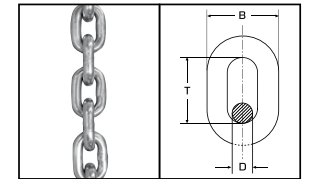
A4 / AISI 316
A2 / AISI 304
calibrado

TIM 8301 /// CADENA DE ACERO, ESLABONES DIN 763



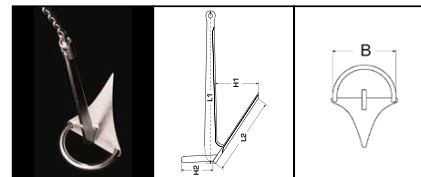
Diam mm	Long m	B mm	T mm	Peso kg/m	Fractura kN
2	100	7,6	22	0,06	1,25 DIN 5685
3	100	11,4	26	0,15	2,80 DIN 5685
4	100	16,8	32	0,27	6,00
5	100	21,0	35	0,43	10,00
6	100	25,2	42	0,63	12,50
8	100	32,0	52	1,10	25,00
10	100	40,0	65	1,75	40,00

TIM 8904 /// CADENA DE ACERO INOX. ISO 4565



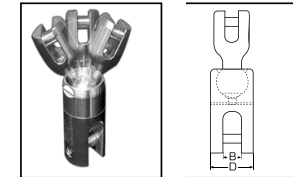
Cadena ø mm	B mm	T mm	Peso kg/m	Fractura kN	Carga Trabajo Segura kN
10	36,0	30,0	2,20	50,00	16,0
12	43,0	36,0	3,20	70,00	22,5 calibrado

TIM 8296 /// ANCLA ACERO INOX



kg	L1 mm	L2 mm	H mm	H2 mm	B mm
9	665	360	178	136	282
11	738	397	198	152	312
14	790	424	211	161	332
18	890	480	236	185	382
25	960	520	257	197	405
30	1040	560	278	215	440
42	1150	625	325	240	480
52	1200	670	340	250	510
60	1290	720	360	280	560

TIM 8304 /// UNION CADENA ANCLA ACERO INOX

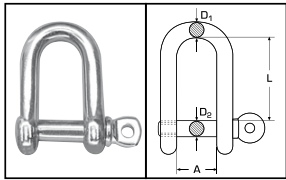


Ø mm	D mm	B mm	Carga Trabajo Segura kN	Fractura kN
6	38	16	6,00	24,00
8	45	21	10,00	40,00
10	45	21	16,00	64,00
10	55	25	16,00	64,00
13	55	25	26,50	108,00
16	80	40	40,00	160,00
20	100	55	62,50	250,00

Duplex
Duplex

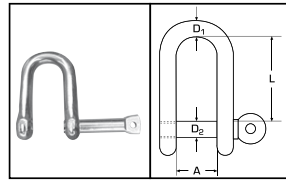


TIM 258 /// GRILLETE



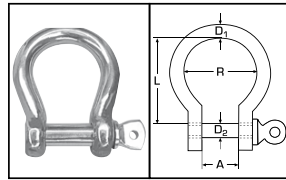
D mm	A mm	L mm	Aprox BL kN	P.U.
4	8	14	6,80	10
5	10	17	9,80	10
6	12	21	14,70	10
8	16	28	29,40	10
10	20	35	44,10	5
12	24	42	68,60	5

TIM 358 /// GRILLETE CON EJE IMPERDIBLE



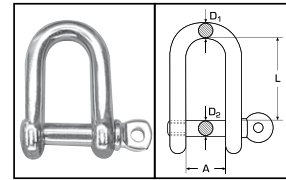
D mm	A mm	L mm	Aprox BL kN	P.U.
5	10	17	8,00	5
6	12	21	12,00	5
8	16	28	20,00	5
10	20	35	40,00	5
12	24	42	48,00	5

TIM 260 /// GRILLETE LIRA CON EJE IMPERDIBLE



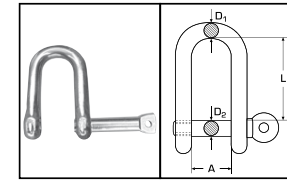
D mm	A mm	R mm	L mm	Aprox BL kN	P.U.
4	8	14	14	6,80	10
5	10	17	17	9,80	10
6	12	21	21	14,70	10
8	16	28	28	24,50	10
10	20	35	35	39,20	5
12	24	42	42	58,80	5

TIM 8258 /// GRILLETE



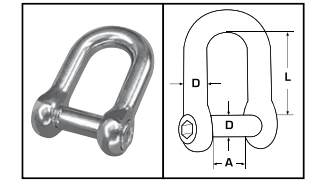
D mm	A mm	L mm	Aprox BL kN	P.U.
4	8	14	6,80	50
5	10	17	9,80	50
6	12	21	14,70	20
7	14	24	25,00	20
8	16	28	29,40	10
10	20	35	44,10	10
12	24	42	68,60	5
14	28	45	90,00	5
16	32	55	98,00	5
19	38	66	160,00	1
22	44	77	196,00	1
25	50	87	235,20	1

TIM 8358 /// GRILLETE CON EJE IMPERDIBLE



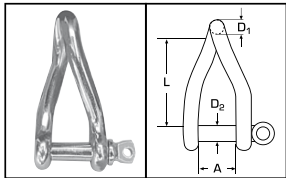
D mm	A mm	L mm	Aprox BL kN	P.U.
4	8	14	6,00	10
5	10	17	8,00	10
6	12	21	12,00	10
8	16	28	20,00	10
10	20	35	40,00	5
12	24	42	48,00	5

TI M 8261 /// GRILLETE CON TORNILLO ALLEN



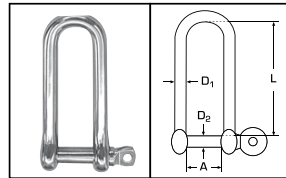
D mm	A mm	L mm	P.U.
6	12	21	10
8	16	28	10
10	20	35	5
12	24	42	5

TIM 288 /// GRILLETE GIRADO CON EJE IMPERDIBLE



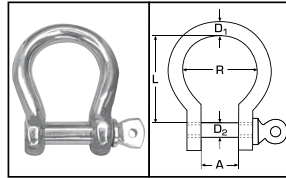
D mm	A mm	L mm	Aprox. BL kN	P.U.
4	8	26	6,50	10
5	10	27	9,80	10
6	12	33	14,70	10
8	16	44	24,50	10
10	20	55	44,10	5
12	26	90	68,60	5

TIM 259 /// GRILLETE ALARGADO CON EJE IMPERDIBLE



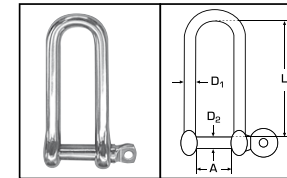
D mm	A mm	L mm	Aprox. BL kN	P.U.
5	10	37	8,00	10
6	12	45	12,00	10
8	16	60	20,00	10
10	20	75	40,00	5
12	24	90	48,00	5

TIM 8260 /// GRILLETE LIRA



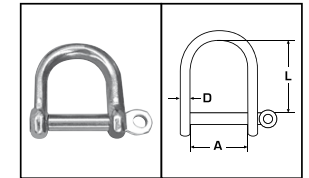
D mm	A mm	R mm	L mm	Aprox BL kN	P.U.
4	8	14	14	6,80	20
5	10	17	17	9,80	20
6	12	21	21	14,70	20
8	16	28	28	24,50	10
10	20	35	35	39,20	5
12	24	42	42	58,80	5
16	32	56	56	98,00	1

TIM 8259 /// GRILLETE ALARGADO



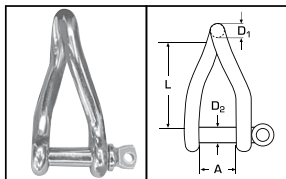
D mm	A mm	L mm	Aprox BL kN	P.U.
4	8	32	6,50	20
5	10	37	8,00	20
6	12	45	12,00	20
8	16	60	20,00	10
10	20	75	40,00	5
12	24	90	48,00	5

TIM 8269 /// GRILLETE ALARGADO



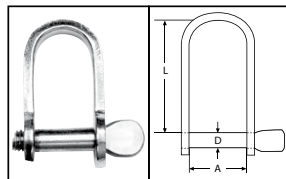
D mm	A mm	L mm	P.U.
5	25	23	10
6	25	35	10
8	28	37	10
10	40	60	10

TIM 8288 /// GRILLETE GIRADO



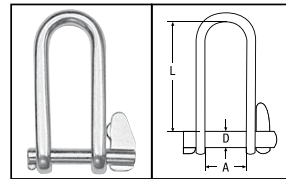
D mm	A mm	L mm	Aprox BL kN	P.U.
4	8	23	6,50	10
5	10	27	9,80	10
6	12	33	14,70	10
8	16	44	24,50	10
10	20	55	44,10	10
12	24	66	68,60	5

M 8293 /// GRILLETE ALARGADO



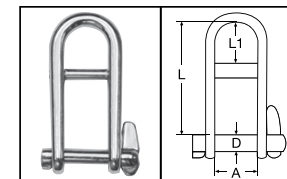
D mm	A mm	L mm	P.U.
4	10	15	10
5	12	18	10
6	15	25	10

M 8359 /// GRILLETE CIERRE RAPIDO



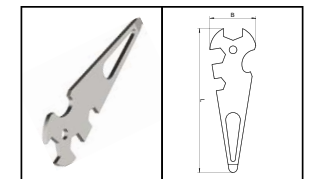
D mm	A mm	L mm	P.U.
5	12	38	10
6	15	45	10
8	20	60	10

TIM 8360 /// GRILLETE CIERRE RAPIDO



D mm	A mm	L mm	L1 mm	P.U.
5	12	38	12	10
6	15	45	15	10
8	20	60	20	10

TIM 8306 /// LLAVE ABRE-GRILLETE

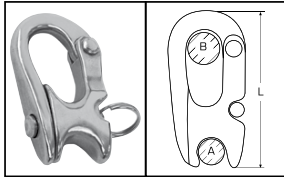


L mm	P.U.
100	5

A2/AISI 304

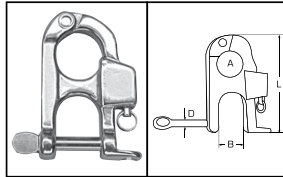


TIM 8334 /// MOSQUETON



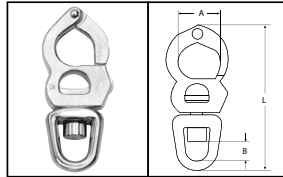
L mm	A mm	B mm	PU.
52	12	10	5
66	15	14	5
96	22	18	5

TIM 8263 /// MOSQUETON DE PISTON



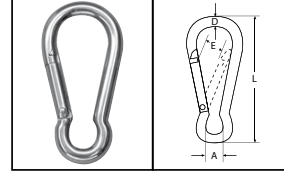
D mm	A mm	B mm	L mm	PU.
5	15	16	60	5

TIM 8661 /// MOSQUETON AUTOMATICO TIGGER



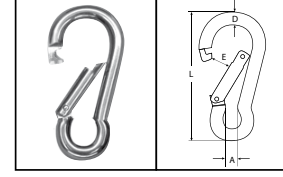
L mm	A mm	B mm
84	18	12
102	22	15
126	27	18

TIM 8249 /// MOSQUETON TIPO BOMBERO



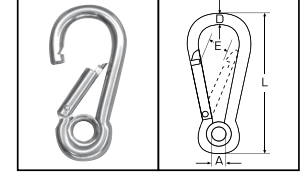
D mm	L mm	A mm	E mm	PU.
4	40	6,5	6	20
5	50	8,0	7	20
6	60	9,0	8	20
7	70	10,0	9	20
8	80	12,0	9	20
10	100	15,0	12	10
11	120	18,0	16	10
12	140	20,0	19	5

TIM 8001 /// MOSQUETON TIPO BOMBERO (ED. ESPECIAL)



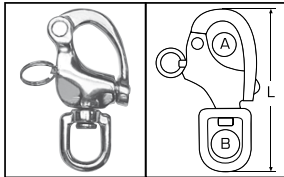
D mm	L mm	A mm	E mm	PU.
5	50	8	7	10
5	50	6	7	20
7	70	10	8	10
8	80	12	9	10
10	100	15	12	10
11	120	18	16	10
13	160	22	25	10

TIM 8250 /// MOSQUETON TIPO BOMBERO CON OJILLO



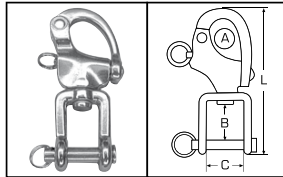
D mm	L mm	A mm	E mm	PU.
4	40	5	6	20
5	50	6	7	20
6	60	7	8	20
7	70	9	8	20
8	80	10	9	20
10	100	13	12	10
11	120	15	16	10
12	140	18	19	5

TIM 8252 /// MOSQUETON AUTOM.



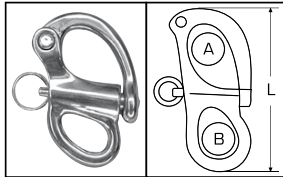
L mm	A mm	B mm	PU.
70	12	12	5
87	16	14	5
128	22	22	5

TIM 8262 /// MOSQUETON GIRATORIO



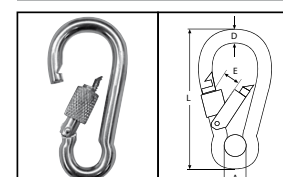
L mm	A mm	B mm	C mm	PU.
70	12	12	12	5
87	16	13	13	5
128	22	16	19	5

M 8297 /// MOSQUETON



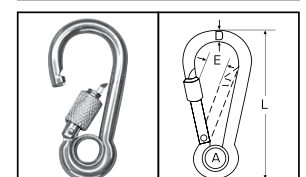
L mm	A mm	B mm	PU.
52	12	9	5
66	16	12	5
96	22	16	5

TIM 8004 /// MOSQUETON CON SEGURO ATORNILLADO



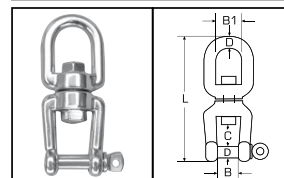
D mm	L mm	A mm	E mm	PU.
5	50	8	7	10
6	60	9	8	10
8	80	12	9	10
10	100	15	12	10
11	120	18	16	10

TIM 8005 /// MOSQUETON CON SEGURO ATORNILLADO Y OJILLO



D mm	L mm	A mm	E mm	PU.
6	60	7	8	10
8	80	10	9	10
10	100	13	12	10
11	120	15	16	10

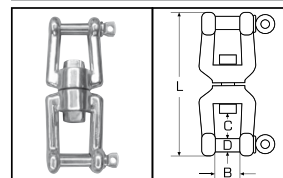
TIM 8255 /// SACAVUELTAS OJILLO/GANCHO



D mm	L mm	B mm	C mm	B1 mm	PU.	
6	A	66	12	11	15	10
8	A	92	16	16	20	10
10	A	118	20	22	24	1
13	A	152	26	28	32	1
16	A	188	32	37	39	1
19	A	229	38	45	41	1

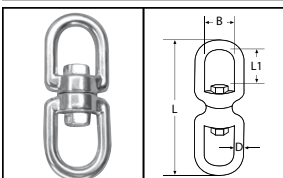
* Tipo A: Remachado
* Tipo B: Con tornillo allen

M 8256 /// SACAVUELTAS GANCHO/GANCHO



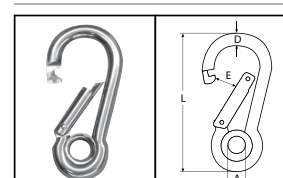
D mm	L mm	B mm	C mm	PU.	
6	A	66	12	12	10
6	B	66	12	12	10
8	A	94	16	16	10
8	B	94	16	16	10
10	A	118	20	22	1
10	B	118	20	22	1
13	A	152	26	28	1
13	B	152	26	28	1
16	A	188	32	37	1
19	A	229	38	44	1

TIM 8254 /// SACAVUELTAS OJILLO/OJILLO



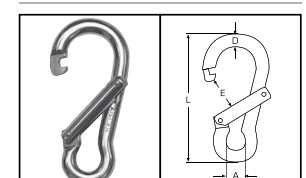
D mm	L mm	L1 mm	B mm	PU.
5	60	13	13	10
6	65	15	15	10
8	90	22	20	10
10	115	27	24	1
13	154	35	32	1
16	188	45	39	1

TIM 8002 /// MOSQUETON TIPO BOMBERO, CON OJILLO (ED. ESPECIAL)



D mm	L mm	A mm	E mm	PU.
5	50	7	7	10
6	60	8	8	10
7	70	9	8	10
8	80	10	9	10
10	100	13	12	10
11	120	15	16	10
13	160	20	25	10

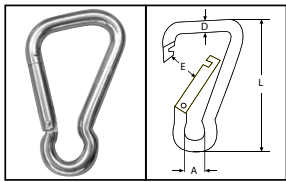
TIM 8010 /// MOSQUETON CON APERTURA ANCHA



D mm	L mm	A mm	E mm	PU.
8	80	12	19	10
10	100	15	22	10
11	120	18	26	10

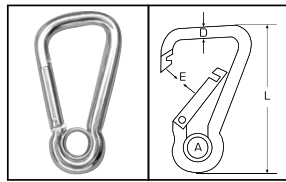


TIM 8054 /// MOSQUETON ASIMETRICO



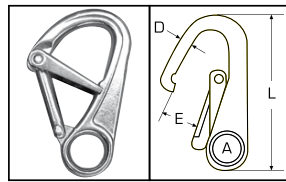
D mm	L mm	A mm	E mm	PU.
6	60	9	10	20
8	80	12	13	20
10	100	15	18	10
11	120	18	24	10

TIM 8055 /// MOSQUETON ASIMETRICO CON OJILLO



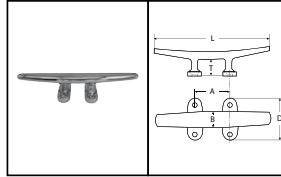
D mm	L mm	E mm	A mm	PU.
6	60	7,5	10	10
8	80	10,0	13	10
10	100	13,0	18	5
11	120	15,0	24	5

TIM 8338 /// MOSQUETON CON DOBLE SEGURO



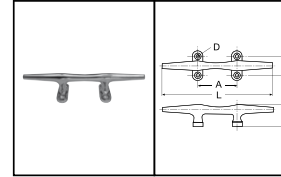
D mm	L mm	A mm	E mm	PU.
10	110	20	20	10

TIM 8218 /// CORNAMUSA PLANA, FUNDICION FINA, PULIDA



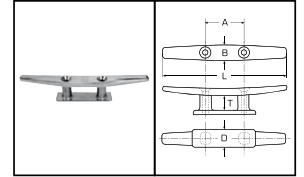
L mm	B mm	A mm	T mm	D mm
100	14	30	14	36
125	15	40	18	45
150	20	45	20	53
200	23	55	24	69
250	25	58	30	65

TIM 8217 /// CORNAMUSA REDONDA, FUNDICION FINA, PULIDA



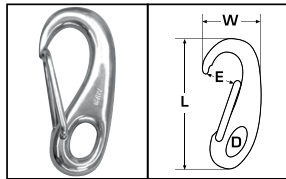
L mm	B mm	H mm	D mm	A mm
100	23	26	5	50
125	25	28	5	54
150	26	32	6	56
200	34	39	6,5	72
250	44	48	8,5	94
300	49	53	8,5	99

TIM 8298 /// CORNAMUSA PLANA, FUNDICION FINA, PULIDA



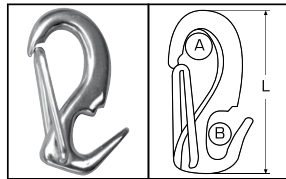
L mm	B mm	D mm	T mm	A mm
100	14	15	14	30
125	16	18	16	35
150	19	21	19	45
200	22	24	22	55
250	25	27	25	70

TIM 8251 /// MOSQUETON



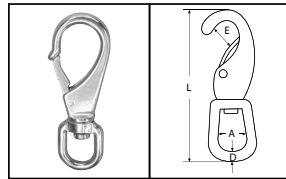
L mm	W mm	E mm	D mm	PU.
50	24	10	6,5	10
70	31	13	10,0	10
100	46	23	13,0	10

TIM 8153 /// MOSQUETON-GANCHO



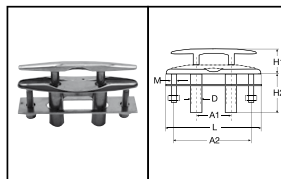
A mm	B mm	L mm	PU.
7,5	6,5	50	5
9,0	8,0	55	5
11,0	10,0	65	5

TIM 8257 /// MOSQUETON GIRATORIO



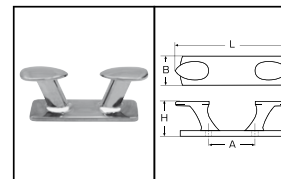
L mm	D mm	E mm	A mm	PU.
85	5	10	16	5
100	6	12	19	5
113	7	15	22	5

TIM 8232 /// GUIA EMPOTRABLE, FUNDICION FINA, PULIDA



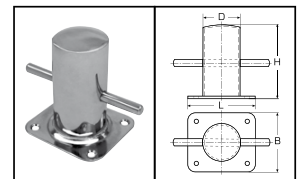
L mm	H1 mm	H2 mm	D mm	M mm	A1 mm	A2 mm
160	36	61	20	3/8"	58	129

TIM 8100 ///BITA CON ROSCA INTERIOR



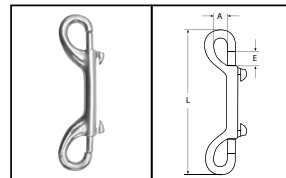
L mm	B mm	H mm	D mm	A mm
280	80	100	M16	130

TIM 8520 /// BITA DE AMARRE



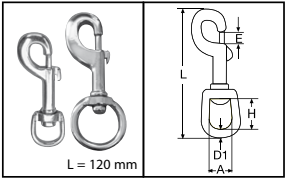
L mm	B mm	H mm	D mm
100	90	100	50
120	120	120	60

TIM 8416 /// MOSQUETON DOBLE



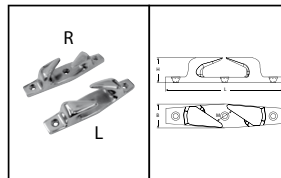
L mm	E mm	A mm	PU.
90	6	6	5
100	10	10	5
115	12	11	5

TIM 8303 /// MOSQUETON GIRATORIO



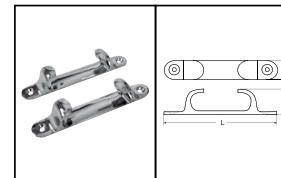
L mm	D1 mm	E mm	H mm	A mm	PU.
64	3	6	10	11	10
80	4	8	13	13	10
87	5	9	16	16	5
90	5	9	19	19	5
120	6	14	33	33	5

TIM 8219 /// GUIA OBLICUA, FUNDICION FINA, PULIDA



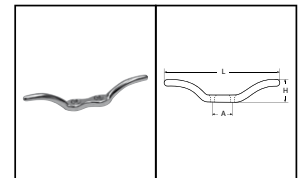
L mm	B mm	M mm	H mm
114L	23	15	25
114R	23	15	25
152L	35	26	30
152R	35	26	30

TIM 8220 /// GUIA OBLICUA, FUNDICION FINA, PULIDA



L mm	B mm	H mm
127	20	24
152	24	36

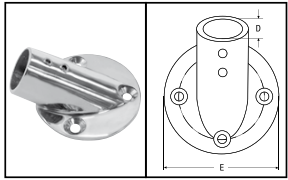
TIM 8367 /// CORNAMUSA BANDERA



L mm	H mm	A mm
68	12	10
114	20	21

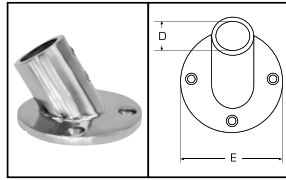


TIM 8325 /// TINTERO DE CANDELERO 30°, FUNDICION FINA, PULIDO



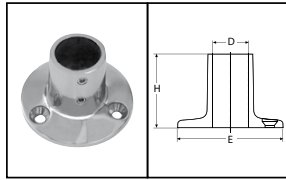
D mm	E mm	H mm
22	66	39
25	70	39

TIM 8202 /// TINTERO DE CANDELERO 60°, FUNDICION FINA, PULIDO



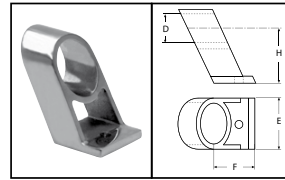
D mm	E mm	H mm
22	66	43
25	70	46

TIM 8201 /// TINTERO DE CANDELERO 90°, FUNDICION FINA, PULIDO



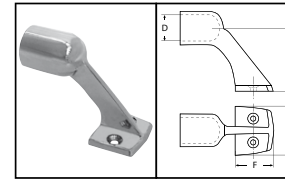
D mm	E mm	H mm
22	66	43
25	70	43

TIM 8209 /// SOPORTE INTERMEDIO PASAMANO 60°, FUND.FINA, PULIDO



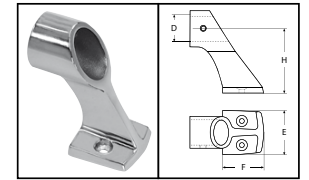
D mm	H mm	F mm	E mm
22	38	33	35
25	38	33	35

TIM 8213 /// PIEZA TERMINAL PARA PASAMANO 60°, FUND.FINA, PULIDO



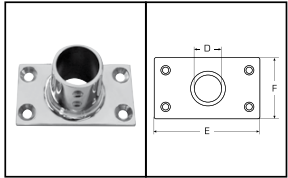
D mm	H mm	F mm	E mm
22	52	33	36

TIM 8276 /// SOPORTE INTERMEDIO PASAMANO 60°, FUND.FINA, PULIDO



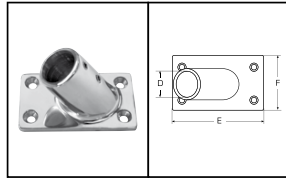
D mm	H mm	F mm	E mm
22	52	33	36

TIM 8203 /// TINTERO DE CANDELERO 90°, FUNDICION FINA, PULIDO



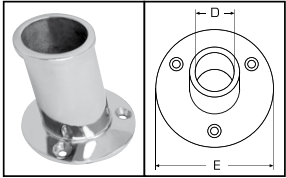
D mm	E mm	F mm	H mm
22	76	44	43
25	81	48	43

TIM 8204 /// TINTERO DE CANDELERO, 60°, FUNDICION FINA, PULIDO



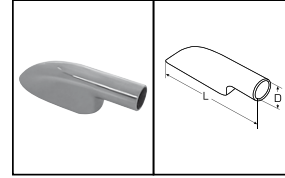
D mm	E mm	F mm	H mm
22	76	44	43
25	81	48	46

TIM 8283 /// TINTERO ASTA BANDERA 84°, FUNDICION FINA, PULIDA



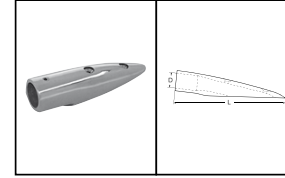
Typ	D mm	E mm	H mm
A	25	67	52

TIM 8212 /// SOPORTE FINAL PARA PASAMANOS 90°, FUND.FINA, PULIDO



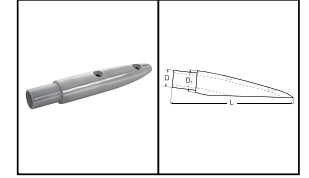
D mm	L mm
22	160
25	175

TIM 8214 /// SOPORTE FINAL PASAMANO 5 1/2°, FUND.FINA, PULIDO



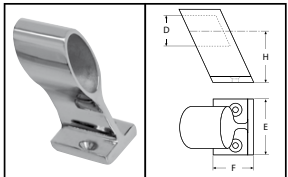
D mm	L mm
22	125

TIM 8215 /// SOPORTE FINAL PASAMANO 5 1/2°, FUND.FINA, PULIDO



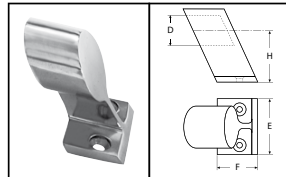
ø mm	D mm	D1 mm	L mm
22	19	23	120

TIM 8207 /// SOPORTE INTERM. PARA PASAMANOS 60°, FUND.FINA, PULIDO



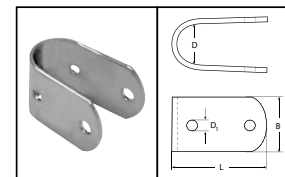
H mm	F mm	E mm
37	26	40
40	29	42

TIM 8208 /// PIEZA TERMINAL PARA PASAMANOS 60°, FUND.FINA, PULIDO



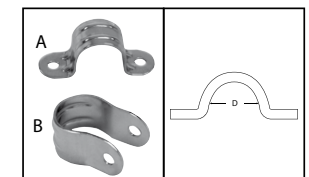
D mm	H mm	F mm	E mm
22	37	26	40
25	40	29	42

TIM 8135 /// ABRAZADERA TUBOS



L mm	B mm	D mm	D1 mm	PU.
58	30	20	7	10

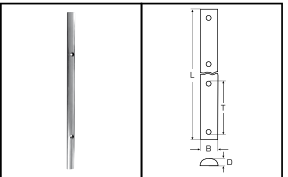
TIM 8354 /// ABRAZADERA TUBOS



Typ	D mm	PU.
A	25	10
B	25	10

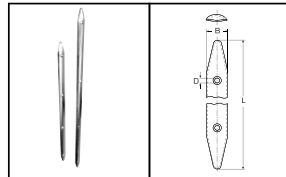
A2/AISI 304

TIM 8190 /// GUIA ANTIFRICCION, METAL SOLIDO PULIDO



L mm	B mm	D mm	T mm
2000	14	4,0	140
3000	14	4,0	140

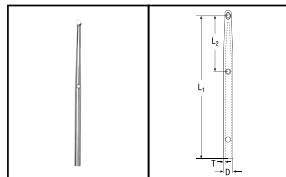
TIM 8191 /// GUIA ANTIFRICCION



L mm	B mm	D mm
200	21	4,5
300	21	4,5

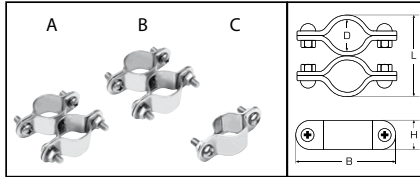
A2/AISI 304

TIM 8060 /// CANDELEROS, PULIDO



Typ	D mm	T mm	L1 mm	L2 mm
A	25	1,5	550	250
B	25	1,5	610	300
C	25	1,5	740	300

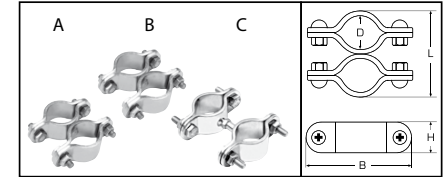
TIM 8460 /// BRIDA 25mm. (VERSION LIGERA)



Typ	D mm	B mm	L mm	H mm	PU.
A swivel	25-27	62	55	20	5
B fixed	25-27	60	55	20	5
C single	25-27	62	25	20	5

A2/AISI 304

TIM 8461 /// BRIDA 19-30mm. (VERSION ROBUSTA)

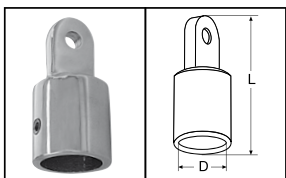


Typ	D mm	B mm	L mm	M mm	PU.
A swivel	22-30	65	55	20	5
B fixed	22-30	65	55	20	5
C spaced	22-30	65	72	20	5

A2/AISI 304

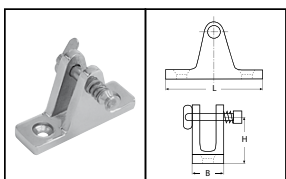


TIM 8270 /// TERMINAL PARA CAPOTA FUND.FINA, PULIDA



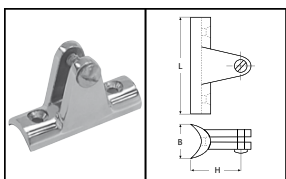
D mm	L mm	P.U.
19	58	10
20	58	10
22	58	10
25	58	10
30	58	10

TIM 8328 /// SOPORTE INCLINADO CON PASADOR EXTRAIBLE,FUND.FINA,PUL.



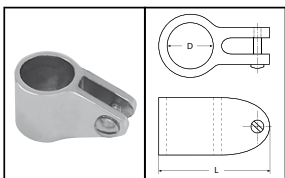
L mm	B mm	H mm	P.U.
60	18	29	4

TIM 8272 /// SOPORTE CONCAVO CON TORNILLO, FUND.FINA, PULIDO



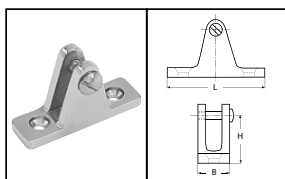
L mm	B mm	H mm	P.U.
60	22	29	4

TIM 8271 /// ABRAZADERA CAPOTA, PIEZA INTERMED.,FUND.FINA,PULIDA



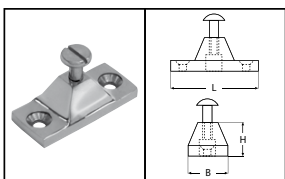
D mm	L mm	P.U.
19	47	10
20	47	10
22	51	10
25	59	10
30	67	10

TIM 8273 /// SOPORTE INCLI. CON TORNILLO, FUND.FINA, PULIDO



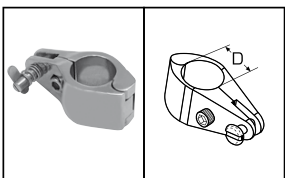
L mm	B mm	H mm	P.U.
60	18	29	4

TIM 8274 /// SOPORTE INCLI. CON TORNILLO, FUND.FINA, PULIDO



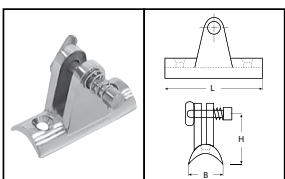
L mm	B mm	H mm	P.U.
50	23	19	4

TIM 8277 /// ABRAZADERA CAPOTA, PERNO ABATIBLE,FUND.FINA,PULIDO



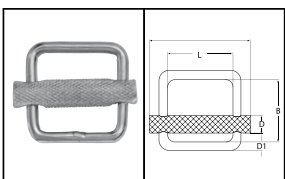
D mm	L mm	P.U.
22	69	10
25	69	10
30	79	10

TIM 8329 /// SOPORTE CONCAVO CON PASADOR, FUND.FINA, PULIDO



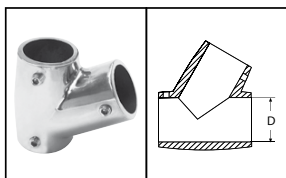
L mm	B mm	H mm	P.U.
60	22	29	4

TIM 8764 /// PASADOR POR CINCHA



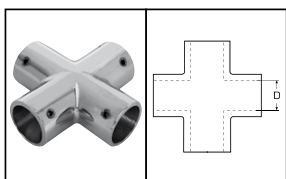
L mm	B mm	D mm	D1 mm	P.U.
25	25	9	4	10

TIM 8206 /// UNION "T" 60° FUNDICION FINA, PULIDO



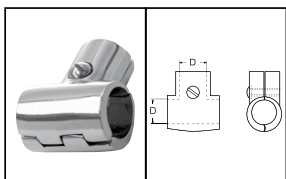
D mm	P.U.
22	4
25	4

TIM 8387 /// UNION EN CRUZ FUNDICION FINA, PULIDO



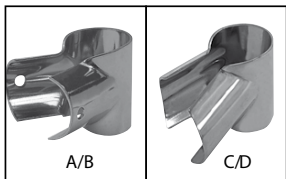
D mm	P.U.
22	4
25	4

TIM 8505 /// PIEZA EN "T" 90° CON BISAGRA, FUND.FINA, PULIDO



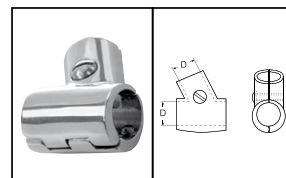
D mm	P.U.
22	4
25	4

TIM 8148 /// ABRAZADERA "T" 60°/90°



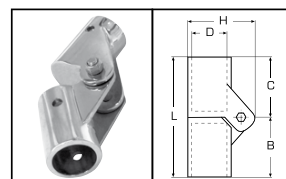
Typ	D mm	L mm	P.U.
A	22	90	52 10
B	25	90	52 10

TIM 8506 /// PIEZA "T" CON BISAGRA FUNDICION FINA, PULIDA



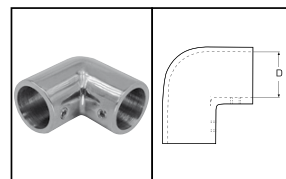
D mm	P.U.
22	4
25	4

TIM 8572 /// ROTULA PARA TUBO FUNDICION FINA, PULIDA



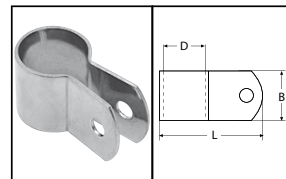
D mm	L mm	B/C mm	H mm	P.U.
20	80	40	47	4
22	80	40	48	4
25	80	40	49	4

TIM 8210 /// CODO 90° FUNDICION FINA, PULIDO



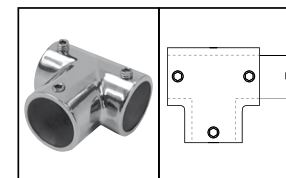
D mm	P.U.
22	4
25	4

TIM 8138 /// ABRAZADERA TUBULAR



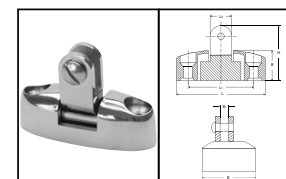
D mm	L mm	B mm	P.U.
20	45	30	10

TIM 8205 /// UNION "T" 90° FUNDICION FINA, PULIDO



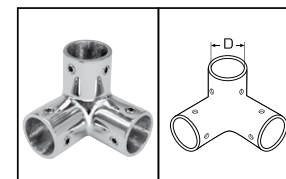
D mm	P.U.
22	4
25	4

TIM 8573 /// BISABRA UNIVERSAL PARA CUBIERTA



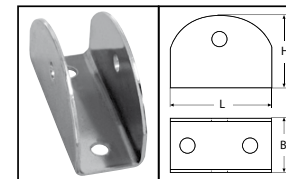
L mm	B mm	H mm	B1 mm	P.U.
70	25	50	7,5	4

TIM 8211 /// UNION "T" ANGULAR FUNDICION FINA, PULIDO



D mm	P.U.
22	4
25	4

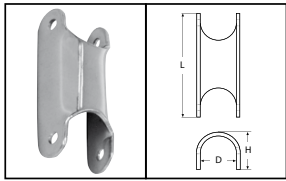
TIM 8134 /// SOPORTE "U"



L mm	B mm	H mm	P.U.
48	28	34	10

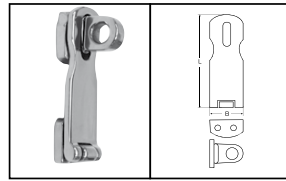


TIM 8136 /// ABRAZADERA



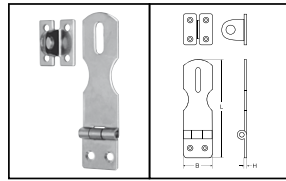
L	D	H	P.U.
70	20	25	10

TIM 8050 /// BISAGRA DE PESTILLO



L	B	P.U.
75	25,5	4

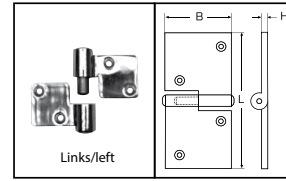
TIM 8052 /// BISAGRA DE PESTILLO



L	B	H	P.U.
100	28	1,5	10

A2/AISI 304

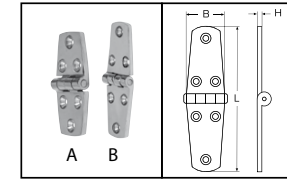
TIM 8239 /// BISAGRA PARA CUBIERTA MOTOR. FUNDICION FINA, PULIDA



L	B	H	P.U.
92	36	5	4

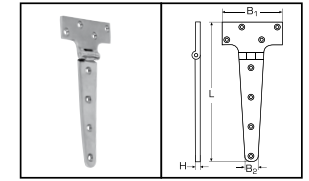
Disponible Versión Izquierda y Versión Derecha

TIM 8280 /// BISAGRA FUNDICION FINA, PULIDA



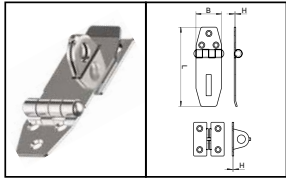
Typ	L	B	H	P.U.
A	76	38	4,5	4
B	102	38	4,5	4

TIM 8281 /// BISAGRA FUNDICION FINA, PULIDA



L	B1	B2	H	P.U.
195	98	20	5	4

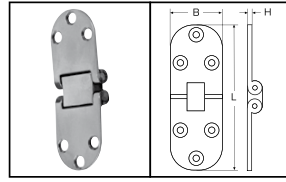
TIM 8052 A /// BISAGRA DE PESTILLO



L	B	H	P.U.
75	25	1,5	10

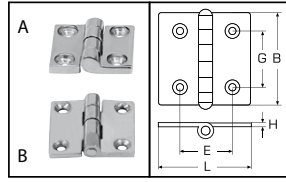
A2/AISI 304

TIM 8018 /// BISAGRA PARA MESA 180°



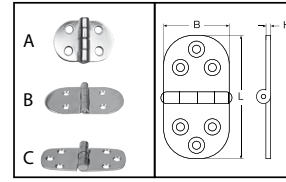
L	B	H	P.U.
80	30	2	4

TIM 8233 /// BISAGRA



Typ	L	B	G	E	H	P.U.
A	38	38	25	25	4	10
B	50	50	35	35	4	10

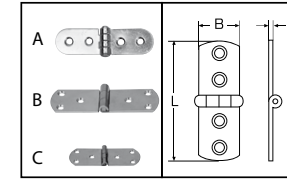
TIM 8045 /// BISAGRA



Typ	L	B	H	P.U.
A	47	30	1,5	10
B	75	40	1,5	10
C	80	40	2,0	10

A2/AISI 304

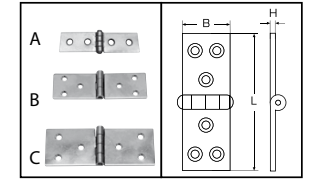
TIM 8046 /// BISAGRA



Typ	L	B	H	P.U.
A	75	20	1,5	10
B	85	30	1,5	10
C	100	40	1,5	10

A2/AISI 304

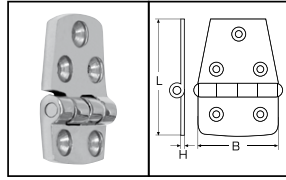
TIM 8047 /// BISAGRA



Typ	L	B	H	P.U.
A	80	20	1,5	10
B	90	30	1,5	10
C	100	40	1,5	10

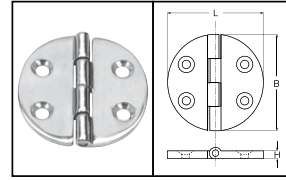
A2/AISI 304

TIM 8234 /// BISAGRA



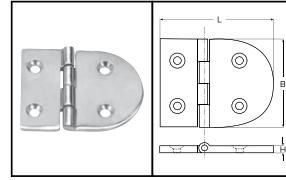
Typ	L	B	H	P.U.
A	57	38	4,5	10
B	76	38	4,5	10

TIM 8428 /// BISAGRA



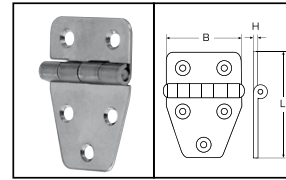
L	B	H	P.U.
64	64	4	10

TUM 8429 /// BISAGRA



L	B	H	P.U.
81	64	4	10

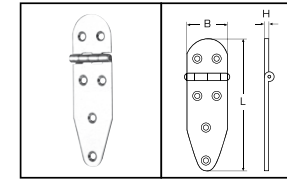
TIM 8041 /// BISAGRA



L	B	H	P.U.
55	40	1,5	10

A2/AISI 304

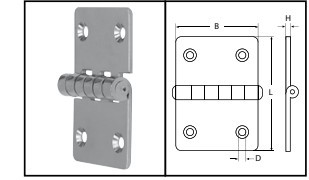
TIM 8043 /// BISAGRA



L	B	H	P.U.
130	40	1,5	10

A2/AISI 304

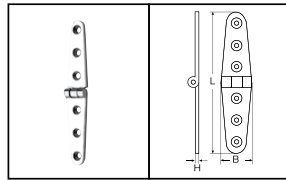
TIM 8151 /// BISAGRA



L	B	H	D	P.U.
90	60	3	6,1	10

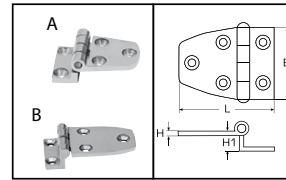
A2/AISI 304

TIM 8235 /// BISAGRA



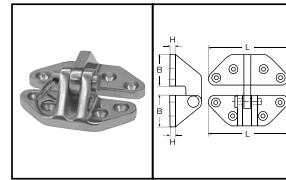
Typ	L	B	H	Bohrungen	P.U.
A	103	27	4,5	2 x 2	10
B	152	30	4,5	2 x 3	10

TIM 8237 /// BISAGRA



Typ	L	B	H	H1	P.U.
A	54	37	4,5	14	10
B	70	37	4,5	14	10

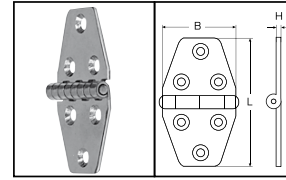
TIM 8238 /// BISAGRA



L	B	H	P.U.
71	28	6	4

A2/AISI 304

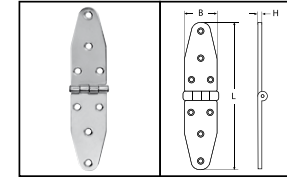
TIM 8044 /// BISAGRA



L	B	H	P.U.
70	40	1,5	10

A2/AISI 304

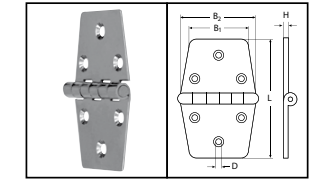
TIM 8048 /// BISAGRA



L	B	H	P.U.
182	40	1,5	10

A2/AISI 304

TIM 8152 /// BISAGRA



L	B1	B2	H	D	P.U.
95	38	60	2	5,6	10

A2/AISI 304



TIM 8049 /// BISAGRA

Typ	L mm	B mm	H mm	D mm	P.U.
A	40	30	1,5	3,9	10
B	40	40	1,5	4,5	10
C	60	40	1,5	4,5	10
D	60	50	1,5	5,5	10
E	60	60	1,5	4,5	10
F	80	50	1,5	4,5	10
G	80	60	1,5	4,5	10
H	80	70	1,5	4,5	10
I	80	80	1,5	4,5	10
P	100	100	1,5	4,5	10

Typ A Typ B Typ C Typ D
Typ E Typ F Typ G Typ H Typ I Typ P

TIM 8150 /// BISAGRA

Typ	L mm	B mm	H mm	D mm	P.U.
A	30	25,0	0,8	4,5	10
B	30	28,5	0,8	4,5	10
C	40	35,0	0,8	4,5	10
D	40	40,0	0,8	4,5	10
E	50	40,0	0,8	4,5	10
F	50	50,0	0,8	4,5	10
G	60	50,0	0,8	4,5	10
H	70	55,0	0,8	4,5	10

Typ A Typ B Typ C Typ D Typ E Typ F Typ G Typ H

TIM 8380 /// CAJA SURTIDA

Medidas seleccionadas de tornillos, abrazadera, tuercas pasadores, arandelas planas y grower, etc.



TIM 8381 /// CAJA SURTIDA

Medidas seleccionadas de tornillos rosca chapa y aglomerado cabeza avellanada y alomada con ranura en cruz



TIM 8128 /// BISAGRA PARA SOLDAR

Typ	L mm	B mm	C mm	R mm	D mm	SP mm	PIN Ø mm	P.U.
6	60	15	27	2,0	12,0	2,0	8	10
8	80	15	37	2,0	12,0	2,0	8	10
10	100	18	46	2,2	14,5	2,0	10	10
12	120	19	55	2,2	16,5	2,0	10	10
14	140	21	65	2,5	16,5	2,5	11	10

TIM 8129 /// BISAGRA PARA SOLDAR

Typ	L mm	B mm	C mm	L mm	R mm	D mm	SP mm	PIN Ø mm	P.U.
10	100	18	21,5	46	2	14,5	2,0	10	10
12	120	19	27,0	55	2	14,5	2,0	10	10
14	140	21	32,0	65	2	16,5	2,5	11	10

TIM 8130 /// BISAGRA PARA SOLDAR

Typ	L mm	B mm	C mm	D mm	SP mm	PIN Ø mm	P.U.
11	110	80	27	15	2,5	10	10
14	147	95	32	18	2,5	12	10

TIM 8321 BISAGRA EN TIRAS

Typ	L mm	B mm	H mm	D mm
3.500	16	0,7	4,0	
3.500	18	0,7	4,0	
3.500	20	0,7	4,9	
3.500	25	0,7	4,9	
3.500	32	0,7	4,9	
3.500	40	0,7	4,9	
3.500	32	1,5	5,8	
3.500	40	1,5	5,8	

TIM 8132 /// BISAGRA PARA SOLDAR

Typ	L mm	B mm	C mm	R mm	D mm	SP mm	PIN Ø mm	P.U.
10	100	18	46	2,0	14,5	2,0	10	10
12	120	21	55	2,2	16,5	2,0	10	10
14	140	21	65	2,5	16,5	2,5	11	10

TIM 8340 /// ANGULO

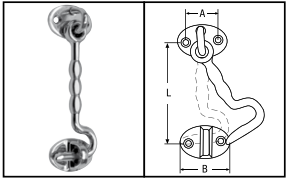
Typ	L mm	L1 mm	L2 mm	B mm	S mm	D mm	P.U.
A	31	25	12	12	3	4	10
B	46	38	18	13	3	4	10
C	61	51	21	15	3	4	10

TIM 8341 /// ANGULO

Typ	L mm	L1 mm	L2 mm	B mm	S mm	D mm	P.U.
A	41	35,0	18,0	25	3	5	10
B	56	47,5	18,5	35	3	5	10
C	80	71,0	24,0	50	4	5	10



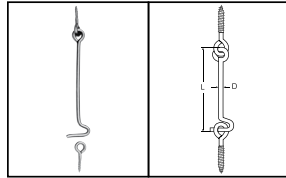
**TIM 8384 /// PESTILLO
FUNDICION FINA, PULIDO**



L	A	B	P.U.
mm	mm	mm	
100	26	37	5

A4/AISI 316

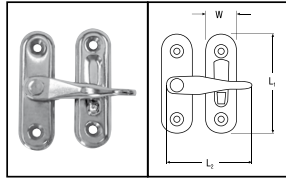
TIM 8708 /// GANCHO CON ROSCA



L	D	P.U.
mm	mm	
80	4,0	10
100	4,0	10
120	4,5	10
140	5,2	10

A2/AISI 304

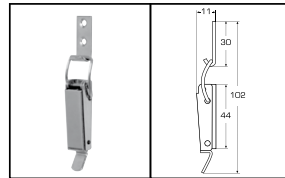
TIM 8181 /// PESTILLO PUERTA ESTAMP.



L1	W	L2	P.U.
mm	mm	mm	
63	19	40	10

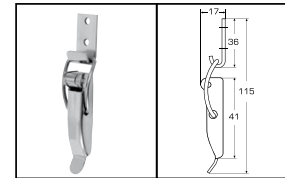
A2/AISI 304

TIM 8053 F /// CERROJO CON TENSOR



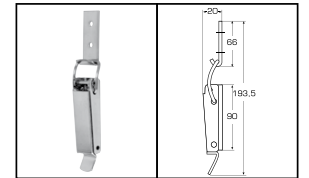
P.U.
SWL = 0,2 kN 4

TIM 8053 G /// CERROJO CON TENSOR



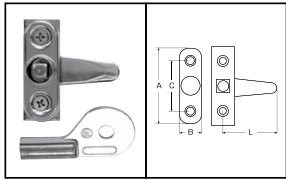
P.U.
SWL = 1,0 kN 4

TIM 8053 H /// CERROJO CON TENSOR



P.U.
SWL = 2,0 kN 4

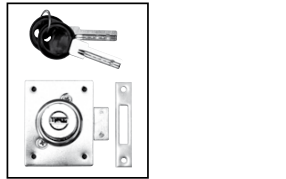
TIM 8081 /// CERRADURA



L	B	H	A	C	P.U.
mm	mm	mm	mm	mm	
38	18	15	50	32	5

A4/AISI 316

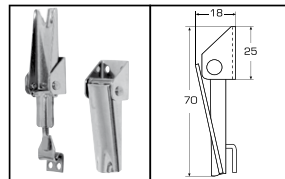
**TIM 8061 /// CERRADURA CON
LLAVE DE SEGURIDAD**



A	B	D
mm	mm	mm
44	55	22

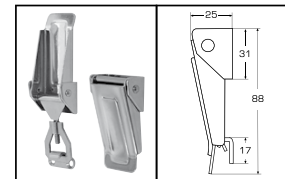
A2/AISI 304

TIM 8053 I /// CERROJO CON TENSOR



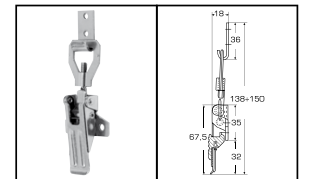
P.U.
SWL = 1,0 kN 4

TIM 8053 L /// CERROJO CON TENSOR



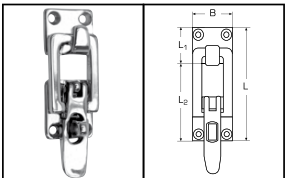
P.U.
SWL = 1,5 kN 4

TIM 8053 M /// CERROJO CON TENSOR



P.U.
SWL = 1,1 kN 4

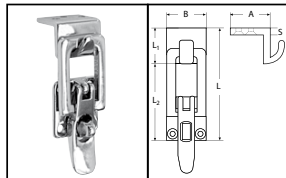
**TIM 8518 /// CERROJO CON TENSOR
PULIDO**



L	B	L1	L2	S	P.U.
mm	mm	mm	mm	mm	
70	28	25	45	3	4

A4/AISI 316

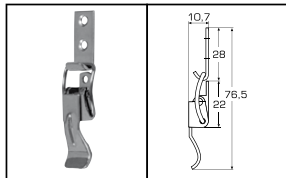
**TIM 8519 /// CERROJO CON TENSOR
PULIDO**



L	B	L1	L2	A	S	P.U.
mm	mm	mm	mm	mm	mm	
62	28	20	42	23	3	4

A4/AISI 316

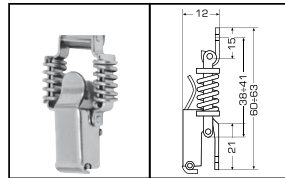
TIM 8053 A /// CERROJO CON TENSOR



P.U.
SWL = 0,4 kN 4

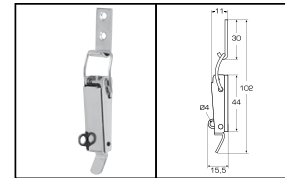
A2/AISI 304

TIM 8053 N /// CERROJO CON TENSOR



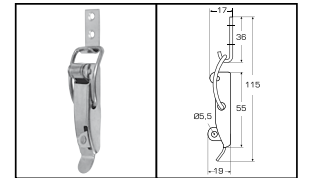
P.U.
SWL = 0,5 kN 4

TIM 8053 O /// CERROJO CON TENSOR



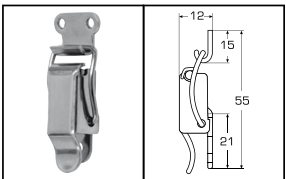
P.U.
SWL = 0,55 kN 4

TIM 8053 P /// CERROJO CON TENSOR



P.U.
SWL = 1,0 kN 4

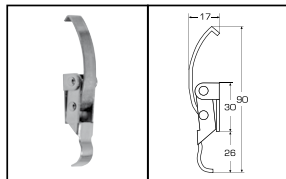
TIM 8053 B /// CERROJO CON TENSOR



P.U.
SWL = 0,5 kN 4

A2/AISI 304

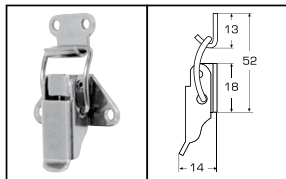
TIM 8053 C /// CERROJO CON TENSOR



P.U.
SWL = 0,5 kN 4

A2/AISI 304

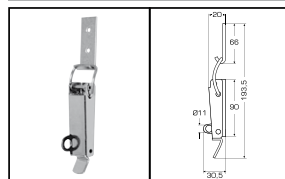
TIM 8053 D /// CERROJO CON TENSOR



P.U.
SWL = 0,55 kN 4

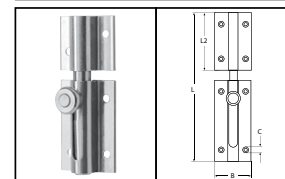
A2/AISI 304

TIM 8053 Q /// CERROJO CON TENSOR



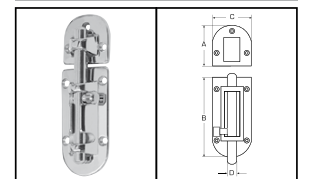
P.U.
SWL = 2,0 kN 4

TIM 8117 /// PESTILLO



Typ	L	B	L2	C	P.U.
	mm	mm	mm	mm	
A	80	36	30	4	4
B	120	36	45	4	4

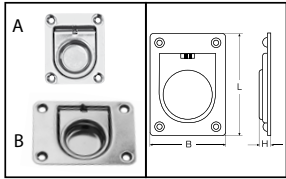
TIM 8333 /// CERROJO CON TENSOR



Typ	L	B	L1	L2	D	P.U.
	mm	mm	mm	mm	mm	
A	60	30	45	15	9,5	5
B	112	38	76	36	9,5	5



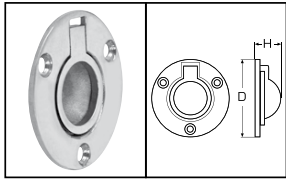
TIM 8118 /// TIRADOR EMPOTRABLE CHAPA TROQUELADA



Typ	L mm	B mm	H mm	PU.
A	65	55	11	5
B	57	76	11	5

A2/AISI 304

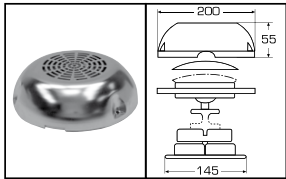
TIM 8441 /// TIRADOR EMPOTRABLE FUNDICION FINA, PULIDO



Typ	D mm	H mm	PU.
A	50	10	5

A4/AISI 316

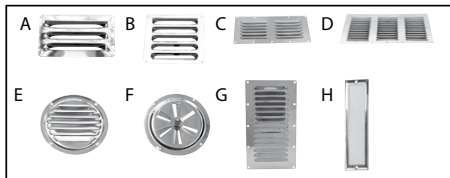
TIM 8342 /// AIREADOR DE CUBIERTA



Exterior Ø mm	Apertura mm	Altura mm
100	200	55

A2/AISI 304

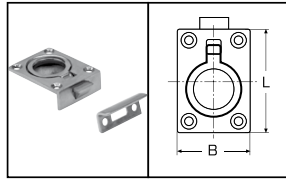
TIM 8057 /// REJILLAS DE VENTILACION



Typ	L mm	B mm	S mm	PU.
A	127	66	0,6	5
B	120	120	0,6	5
C	230	115	0,6	5
D	358	184	0,6	5
E	Ø 125	-	0,6	5
F	Ø 125	-	0,7	5
G	227	126	0,6	5
H	212	57	-	5

A2/AISI 304

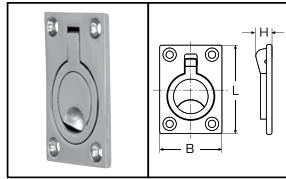
TIM 8240 /// TIRADOR EMPOTRABLE FUNDICION FINA, PULIDO



Typ	L mm	B mm	H mm	PU.
A	58	40	5	

A4/AISI 316

TIM 8242 /// TIRADOR EMPOTRABLE FUNDICION FINA, PULIDO



Typ	L mm	B mm	H mm	PU.
A	63	44	12	5

A4/AISI 316

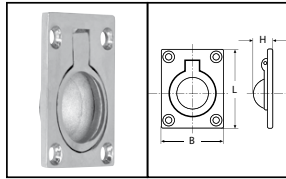
TIM 8343 /// AIREADOR



Exterior Ø mm	Apertura mm	Altura mm
200	100	30

A2/AISI 304

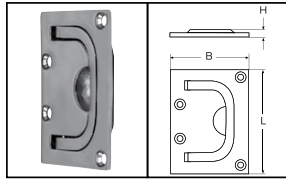
TIM 8241 /// TIRADOR EMPOTRABLE FUNDICION FINA, PULIDO



Typ	L mm	B mm	H mm	PU.
A	46	38	12	5

A4/AISI 316

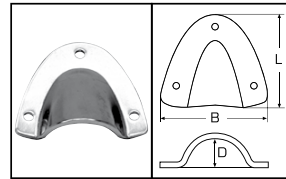
TIM 8243 /// TIRADOR EMPOTRABLE FUNDICION FINA, PULIDO



Typ	L mm	B mm	H mm	PU.
A	76	56	9	5

A4/AISI 316

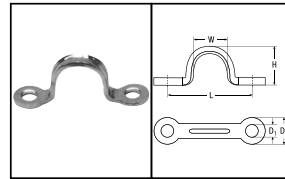
TIM 8345 /// TARA PARA DESAGÜE



Typ	L mm	B mm	D mm	PU.
A	45	43	12	10
B	57	55	16	10

A2/AISI 304

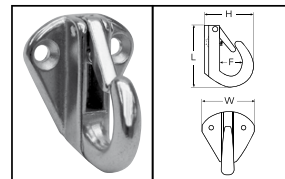
TIM 8127 /// PUENTE PASACABO



Typ	D1 mm	D2 mm	L mm	W mm	H mm	PU.
A	4,2	10	29	13	12	20
B	5,0	11	35	16	16	20
C	5,3	12	45	21	21	20

A2/AISI 304

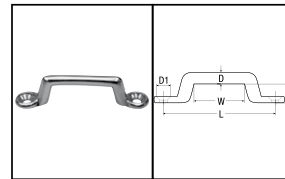
TIM 8375 /// PASACABO CON GATILLO



Typ	H mm	L mm	W mm	F mm	PU.
A	24	38	34	8	5
B	34	40	34	14	5

A4/AISI 316

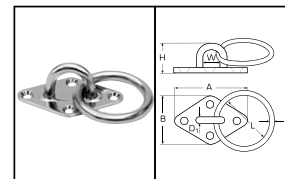
TIM 8366 /// PUENTE ASA



Typ	L mm	W mm	H mm	D mm	D1 mm	PU.
A	52	28	9,5	5	4,5	10
B	62	38	9,5	5	4,5	10

A2/AISI 304

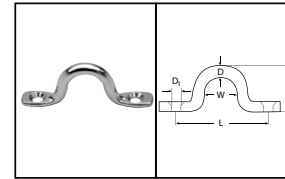
TIM 8265 /// BASE CON ARO



Typ	A mm	B mm	H mm	W mm	D mm	D1 mm	L mm	PU.
A	59	37	22	11	5	4,2	30	5
B	64	40	22	15	6	6,0	35	5
C	80	50	32	18	8	8,0	45	5

A2/AISI 304

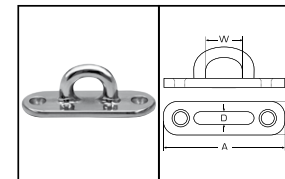
TIM 8226 /// PUENTE PASACABO



Typ	D mm	L mm	H mm	W mm	D1 mm	PU.
A	5	38	18	16	4,2	10
B	6	48	22	20	5,2	10
C	8	49	24	20	5,6	10

A2/AISI 304

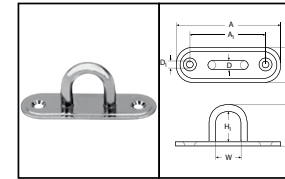
TIM 8224 /// BASE CON ARO



Typ	A mm	B mm	W mm	D mm	PU.
A	75	22	16	7,5	6
B	88	32	19	8,0	6
C	100	36	22	9,0	6

A4/AISI 316

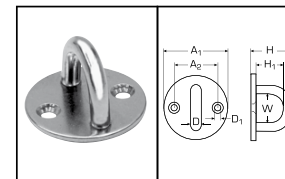
TIM 8266 /// BASE CON ARO



Typ	A mm	B mm	D mm	A1 mm	H mm	H1 mm	W mm	D1 mm	PU.
A	45	15	5	31	20	13	12	4,0	10
B	60	20	6	43	26	19	19	5,0	10
C	80	26	8	56	32	22	22	6,0	10
D	100	36	9	70	38	27	26	6,5	10

A4/AISI 316

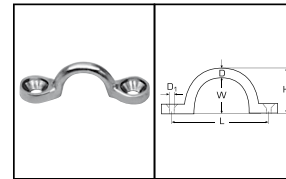
TIM 8353 /// BASE REDONDA



Typ	A1 mm	A2 mm	H mm	H1 mm	W mm	D mm	D1 mm	PU.
A	33	18	19	11	13	5	4,5	10
B	40	22	26	17	16	6	4,5	10
C	50	28	32	21	20	8	4,5	10

A2/AISI 304

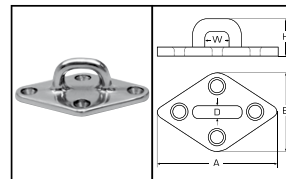
TIM 8227 /// PUENTE PASACABO



Typ	D mm	L mm	H mm	W mm	D1 mm	PU.
A	5	34	15	10	5,3	10

A4/AISI 316

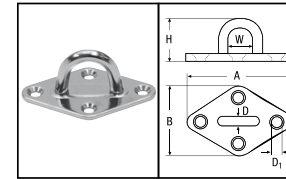
TIM 8223 /// BASE CON ARO



Typ	A mm	B mm	W mm	H mm	D mm	PU.
A	80	50	19	24	7,5	6
B	90	55	22	28	8,0	6
C	100	62	25	34	9,0	6

A4/AISI 316

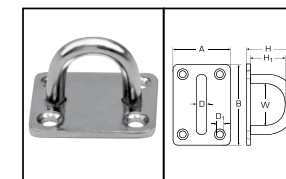
TIM 8264 /// BASE CON ARO



Typ	A mm	B mm	W mm	H mm	D mm	D1 mm	PU.
A	59	37	11	22	5	4,2	5
B	64	40	15	27	6	4,2	5
C	80	50	18	32	8	5,5	5

A2/AISI 304

TIM 8225 /// BASE CON ARO

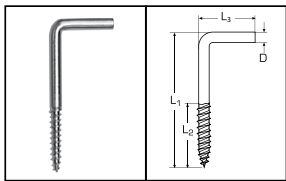


Typ	A mm	B mm	H mm	H1 mm	W mm	D mm	D1 mm	PU.
A	30	35	19	12	14	5	4,2	10
B	35	40	26	17	18	6	4,2	10
C	40	50	33	22	20	8	5,2	10

A2/AISI 304

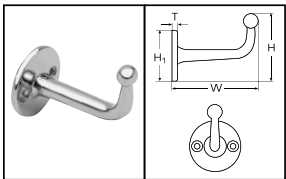


TIM 8707 /// CANCAMO



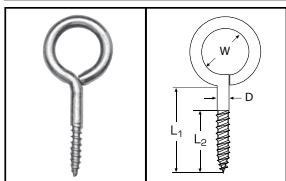
D mm	L1 mm	L2 mm	L3 mm	P.U.
3,0	30	12	13	50
3,5	40	15	15	50
4,0	45	15	18	50
4,5	50	20	20	50
5,0	60	20	20	50

TIM 8361 /// GANCHO PARA ROPA



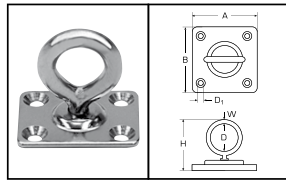
Typ	W mm	H mm	H1 mm	T mm	P.U.
A	47	37	28	3,5	5
B	68	45	36	5,0	5

TIM 8705 /// TORNILLO DE OJO



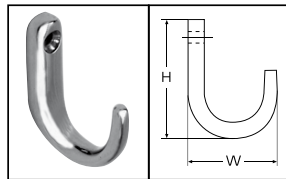
D mm	L1 mm	L2 mm	W mm	P.U.
3,3	16	10	8	50
3,7	20	12	10	50
4,0	25	15	12	50
4,4	30	18	14	50

TIM 8396 /// BASE CON ANILLO GIRATORIO



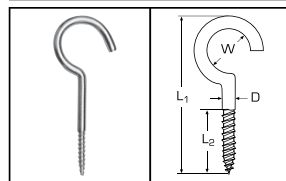
Typ	A mm	B mm	H mm	W mm	D mm	D1 mm	L mm	P.U.
A	35	35	35	15	5	4,2	5	5
B	40	40	40	18	6	5,2	5	5
C	50	50	45	19	8	5,2	5	5

TIM 8370 /// GANCHO PARA ROPA



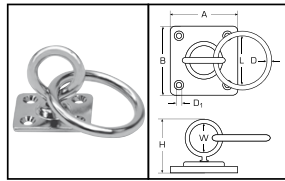
H mm	W mm	P.U.
39	30	5

TIM 8706 /// CANCAMO



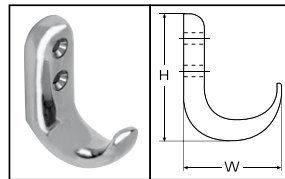
D mm	L1 mm	L2 mm	W mm	P.U.
3,3	40	10	14	50
3,5	50	12	17	50
3,5	60	15	20	50
4,4	50	16	16	50
4,4	65	16	22	50
5,3	80	21	27	50
6,0	100	28	25	50

TIM 8397 /// BASE CON ANILLO GIRATORIO Y ANILLA



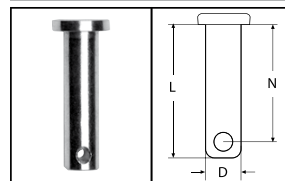
Typ	A mm	B mm	H mm	W mm	D mm	D1 mm	L mm	P.U.
A	35	35	35	15	5	4,2	30	5
B	40	40	40	18	6	5,2	40	5
C	50	50	45	19	8	5,2	50	5

TIM 8399 /// GANCHO PARA ROPA



H mm	W mm	P.U.
40	31	5

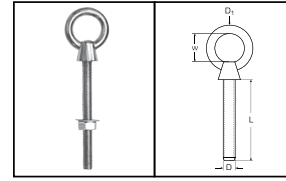
TIM 8144 /// BULON



Typ	D mm	L mm	N mm	P.U.
A	4,00	14,0	11,0	5
B	4,00	19,0	16,0	5
C	5,00	15,0	11,0	5
D	5,00	18,0	14,0	5
E	5,00	21,0	17,0	5
F	6,00	15,0	11,0	5
G	6,00	20,0	16,0	5
H	6,00	25,0	21,0	5
I	6,00	29,0	25,0	5
J	6,00	36,0	32,0	5
K	6,00	45,0	41,0	5
N	8,00	21,0	17,0	5
O	8,00	24,0	20,0	5
P	8,00	27,0	23,0	5
Q	8,00	32,0	28,0	5
R	9,50	26,0	22,0	5
S	9,50	30,0	26,0	5
T	10,00	30,0	26,0	5
U	11,00	30,0	25,0	5
V	12,00	30,0	26,0	5
W	14,00	41,0	36,0	5

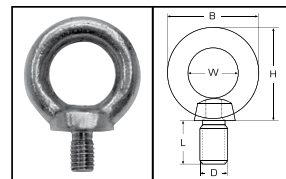
A4/AISI 316

TIM 8267 /// TORNILLO DE OJILLO



D mm	L mm	D1 mm	W mm	P.U.
M 6	40	5	15	10
M 6	60	5	15	10
M 6	80	5	15	10
M 8	80	6	20	10
M 8	100	6	20	10
M 10	100	8	25	10
M 12	120	10	30	10

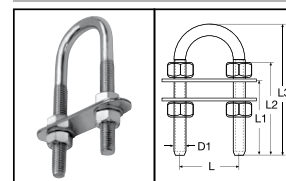
DIN 580 /// TORNILLO DE ANILLA



D mm	L mm	B mm	H mm	W mm	P.U.
M 8	13,0	36	36	20	25
M 10	17,0	45	45	25	25
M 12	20,5	54	53	30	25
M 16	27,0	63	62	35	10
M 20	30,0	72	71	40	10
M 24	36,0	90	90	50	10
M 30	45,0	109	108	65	10

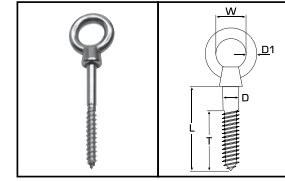
También A2/AISI 304

TIM 8231 /// ABARCON



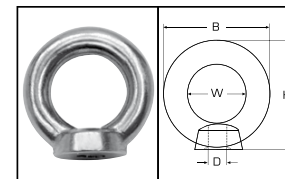
D1 mm	L1 mm	L2 mm	L3 mm	L mm	P.U.
M12	70	85	130	53	

TIM 8268 /// TORNILLO DE OJILLO PARA MADERA



D mm	L mm	T mm	D1 mm	D2 mm	P.U.
5	50	30	5	11	10
6	60	35	5	14	10
8	80	50	6	18	10
10	100	60	8	22	10

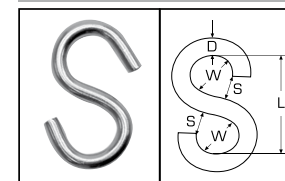
DIN 582 /// TUERCA DE ANILLA



D mm	H mm	B mm	W mm	P.U.
M 8	36	36	20	25
M 10	45	45	25	25
M 12	54	53	30	25
M 16	63	62	35	10
M 20	72	71	40	10
M 24	90	90	50	10
M 30	109	108	65	10

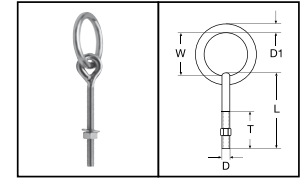
También A2/AISI 304

TIM 8160 /// GANCHO "S" PULIDO



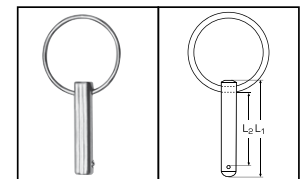
D mm	L mm	W mm	S mm	P.U.
3	24	9	4	50
4	32	12	6	50
5	40	15	7	20
6	48	17	8	20
8	64	24	12	10

TIM 8228 /// CANCAMO CON ANILLO



D mm	D1 mm	L mm	T mm	W mm	P.U.
M 6	6	90	55	35	10
M 8	8	100	60	45	10
M 10	10	130	80	50	10
M 12	12	150	90	60	10

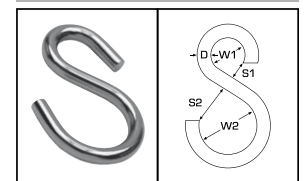
TIM 8374 /// PERNO CON SEGURO DE BOLA Y ANILLO



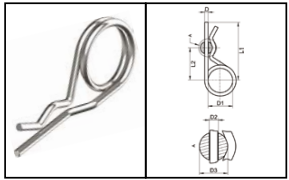
D mm	L1 mm	L2 mm	P.U.
5	25	17	10
6	25	17	10
8	25	17	10
8	38	26	10

A2/AISI 304

TIM 8160 /// GANCHO "S" ASIMETRICO

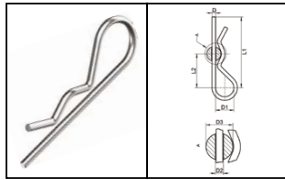


D mm	L mm	W1 mm	W2 mm	S1 mm	S2 mm	P.U.
3	30	9	16	5	10	50
4	36	12	19	6	12	50
5	43	14	21	6	12	20
6	50	15	25	7	15	20
8	67	20	33	9	20	10


TIM 8378 /// PASADOR EN "R"


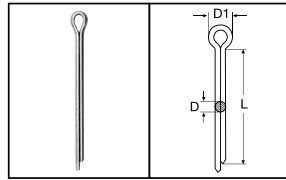
D mm	D1 mm	D2 mm	D3 mm	L1 mm	L2 mm	P.U.
2,5	20	2,5	9-7	42	24	20
2,8	20	3,2	> 11-14	48	26	20
3,6	20	4,0	> 14-20	64	32	20
4,5	25	5,0	> 20-26	80	39	20
5,6	25	6,3	> 26-34	97	45	10
6,3	30	7,0	> 34-45	125	56	10
7,0	30	8,0	> 45-56	150	63	10

A2/AISI 304

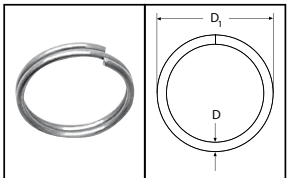
TIM 8377 /// PASADOR EN "R"


D mm	D1 mm	D2 mm	D3 mm	L1 mm	L2 mm	P.U.
2,0	10	2,5	8-7	40	25	50
2,5	11	3,0	> 10-16	46	24	50
3,0	16	3,5	> 16-18	60	34	50
4,0	19	4,5	> 18-20	64	36	20
5,0	26	6,0	> 20-28	82	45	20
6,0	30	7,0	> 28-40	110	60	10

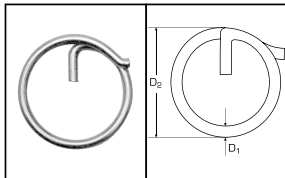
A2/AISI 304

DIN 94 /// PASADOR ALETA


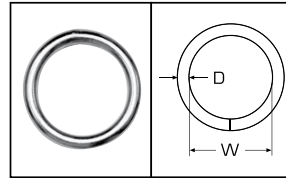
D mm	L mm	D1 mm	P.U.
1,6	10	2,4	500
1,6	16	2,4	500
1,6	20	2,4	500
2,0	12	3,2	500
2,0	16	3,2	500
2,0	20	3,2	500
2,0	25	3,2	500
2,5	22	4,0	500
2,5	25	4,0	500
2,5	32	4,0	500
2,5	40	4,0	500
3,2	25	5,1	500
3,2	32	5,1	500
3,2	40	5,1	500
4,0	40	6,5	200
4,0	50	6,5	200

TIM 8155 /// ANILLA SUJETA BULONES


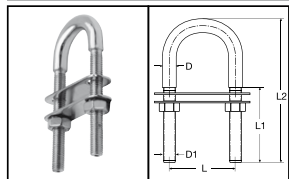
D mm	D1 mm	P.U.
1,5	18	50
1,5	22	50
1,5	26	50
1,5	30	50

TIM 8383 /// CHAVETA ANULAR


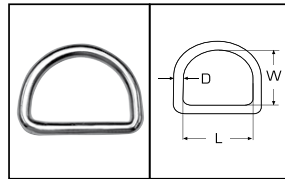
D1 mm	D2 mm	P.U.
1,00	11	100
1,25	15	100
1,50	19	100
2,00	25	100

TIM 8229 /// ANILLA


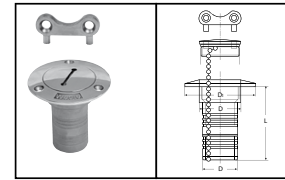
D mm	W mm	P.U.
3	20	10
3	30	10
4	25	10
4	30	10
4	35	10
4	40	10
5	30	10
5	40	10
6	35	10
6	40	10
6	45	10
8	40	10
8	50	10
10	50	10
10	60	10
12	70	10

TIM 8230 /// ABARCON


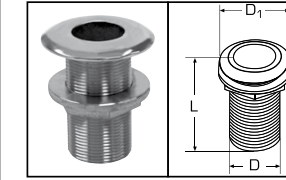
D1 mm	L1 mm	L2 mm	D mm	L mm	P.U.
M 4	30	62	5,0	30	10
M 5	48	78	6,0	36	10
M 6	42	80	8,0	36	10
M 8	40	80	10,0	35	10
M 8	52	100	10,0	45	10
M 10	35	90	12,0	50	5
M 10	55	110	12,0	50	5
M 10	80	135	12,0	50	5
M 12	65	130	14,0	60	5
M 12	85	150	14,0	60	5

TIM 8376 /// ANILLA FORMA "D"


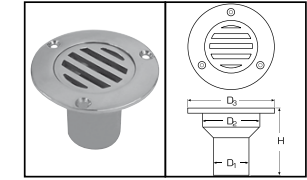
D mm	L mm	W mm	P.U.
3	15	12	10
3	20	17	10
4	20	17	10
4	25	22	10
4	30	27	10
5	25	22	10
5	30	27	10
5	50	45	10
6	30	27	10
6	40	37	10
6	50	47	10
8	50	47	10

TIM 8111 /// PICO VERTEDOR PARA DEPOSITO, FUNDICION FINA, PULIDO


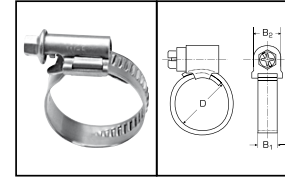
Typ	D mm	L mm	D1 mm	
Waste	38	78	75	sin cadena 1 1/2"
Diesel	38	78	75	con cadena 1 1/2"
Agua	38	78	75	con cadena 1 1/2"
Diesel	51	79	87	con cadena 2"
Agua	51	79	87	con cadena 2"

TIM 8351 /// PASACASO FUNDICION FINA, PULIDO


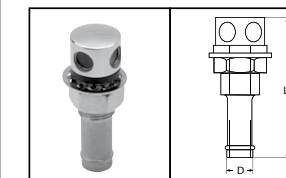
D mm	L mm	D1 mm
1/2"	65	40
3/4"	71	48
1"	78	54
1 1/4"	84	70
1 1/2"	88	75

TIM 8452 /// SUMIDERO, FUNDICION FINA, PULIDA


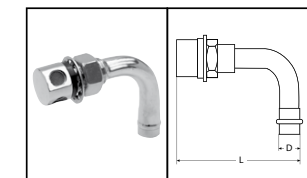
D1 mm	D2 mm	D3 mm	H mm
37	58	82	60

DIN 3017 /// ABRAZADERA


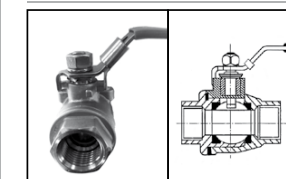
B1 mm	B2 mm	D mm	P.U.
9	14	8-16	100
9	14	12-20	100
9	14	16-25	100
9	14	20-32	100
9	14	25-40	100
9	14	32-50	50
9	14	40-60	50
9	14	50-70	50
13	20	16-25	50
13	20	20-32	50
13	20	25-40	50
13	20	32-50	50
13	20	40-60	25
13	20	50-70	25
13	20	60-80	25
13	20	70-90	25
13	20	80-100	25

TIM 8286 /// VALVULA VENTILACION DEPOSITO


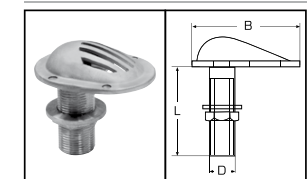
Typ	Hilo Ø mm	D mm	D inch	L mm
A	M 19	16	5/8"	75
B	M 27	25	1"	89

TIM 8287 /// VALVULA VENTILACION DEPOSITO, 90°


Hilo Ø mm	D mm	D inch	L mm
M 19	16	5/8"	88

TIM 8350 /// VALVULA DE BOLA


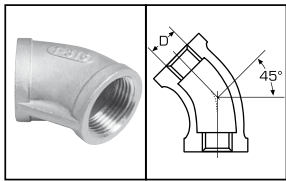
Grosor pulgadas	Presion psi
1/4"	1000 psi
1/2"	1000 psi
3/4"	1000 psi
1"	1000 psi
1 1/4"	1000 psi
1 1/2"	1000 psi

TIM 8352 /// PASACASO CON FILTRO


D mm	L mm	B mm
1/2"	72	90
3/4"	80	104
1"	77	107
1 1/4"	79	118
1 1/2"	80	132



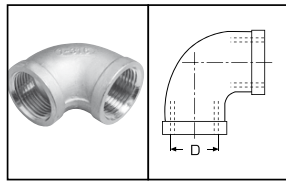
TIM9603 /// CODO 45°



D (pulgadas)

- 1/4"
- 1/2"
- 3/4"
- 1"
- 1 1/4"
- 1 1/2"
- 2"

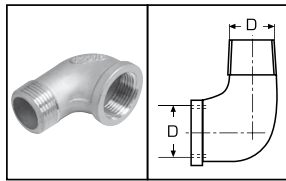
TIM9601 /// CODO 90°



D (pulgadas)

- 1/4"
- 1/2"
- 3/4"
- 1"
- 1 1/4"
- 1 1/2"
- 2"

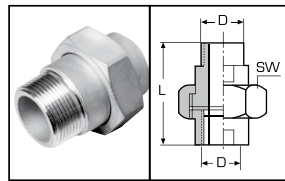
TIM9604 /// CODO 90°



D (pulgadas)

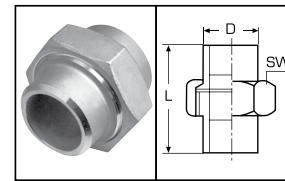
- 1/4"
- 1/2"
- 3/4"
- 1"
- 1 1/4"
- 1 1/2"
- 2"

TIM9611 A /// UNION ROSCADA, JUNTA PLANA, ROSCA INT/EXT



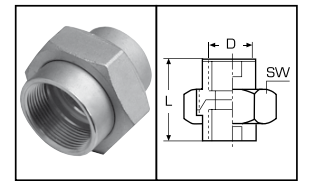
D pulg	L mm	SW mm
1/4"	54	35
1/2"	57	40
3/4"	55	42
1"	62	49
1 1/4"	69	60
1 1/2"	78	70
1 3/4"	84	76
2"	89	91

TIM9611 S /// UNION JUNTA PLANA, SOLDABLE



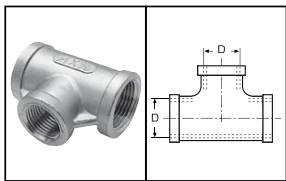
D pulg	L mm	SW mm
1/4"	39	35
1/2"	45	38
3/4"	43	42
1"	48	49
1 1/4"	50	60
1 1/2"	53	70
1 3/4"	70	77
2"	75	91

TIM9612 /// UNION ROSCADA, JUNTA CONICA, ROSCA INT/INT.



D pulg	L mm	SW mm
1/4"	45	35
1/2"	45	38
3/4"	51	60
1"	56	70
1 1/4"	59	77
2"	67	91

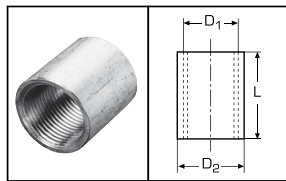
TIM9607 /// PIEZA "T"



D (pulgadas)

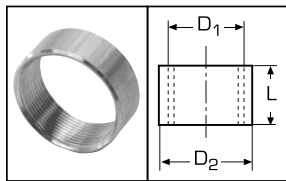
- 1/4"
- 1/2"
- 3/4"
- 1"
- 1 1/4"
- 1 1/2"
- 2"

DIN 2986 G UNION



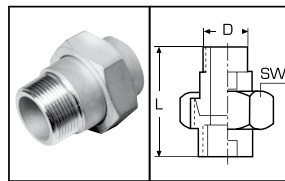
D pulg.	D2 mm	L mm
1/4"	17,0	25
1/2"	21,3	26
3/4"	26,4	34
1"	31,8	36
1 1/4"	39,5	43
1 1/2"	48,3	48
1 3/4"	54,5	48
2"	66,3	56

DIN 2986 H UNION



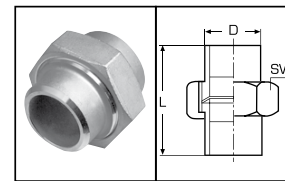
D pulg.	D2 mm	L mm
1/4"	17,0	11
1/2"	21,3	12
3/4"	26,4	14
1"	31,8	17
1 1/4"	39,5	19
1 1/2"	48,3	22
1 3/4"	54,5	22
2"	66,3	26

TIM 9612 A /// UNION ROSCADA JUNTA CONICA, ROSCA INT/EXT.



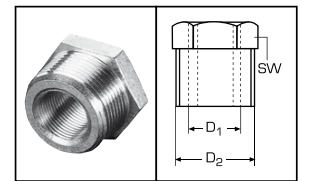
D pulg	L mm	SW mm
1/4"	54	35
1/2"	57	40
3/4"	55	42
1"	62	49
1 1/4"	69	60
1 1/2"	78	70
1 3/4"	84	40
2"	89	91

TIM 9612 S /// UNION ROSCADA JUNTA CONICA, SOLDABLE



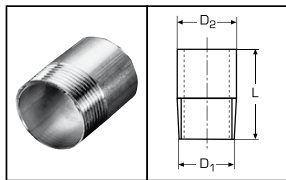
D pulg	L mm	SW mm
1/4"	45	35
1/2"	45	38
3/4"	43	42
1"	46	49
1 1/4"	51	60
1 1/2"	56	70
1 3/4"	59	77

TIM 9625 /// REDUCTOR HEX. ROSCA INT/EXT



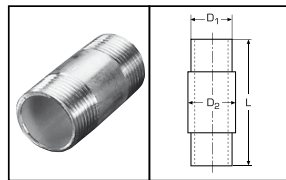
D2 mm	D1 pulg	SW mm
1/4"	1/4"	24
1/2"	1/2"	26
3/4"	3/4"	26
1"	1"	32
1 1/4"	1 1/4"	32
1 1/2"	1 1/2"	37
1 3/4"	1 3/4"	37
2"	2"	47
2 1/4"	2 1/4"	47
2 1/2"	2 1/2"	54
2 3/4"	2 3/4"	54
3"	3"	63
3 1/2"	3 1/2"	63

DIN 2982 A /// RACOR SOLDABLE



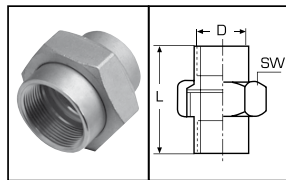
D pulg.	D2 mm	L mm
1/4"	13,5	30
1/2"	17,2	30
3/4"	21,3	35
1"	26,9	40
1 1/4"	33,7	40
1 1/2"	42,4	50
1 3/4"	48,3	50
2"	60,3	50

DIN 2982 R /// RACOR DOBLE ROSCA



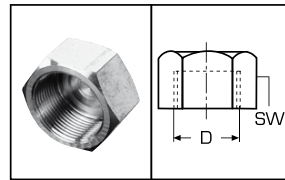
D pulg	D2 mm	L mm
1/4"	13,5	30
1/2"	17,2	40
3/4"	21,3	60
1"	26,9	60
1 1/4"	33,7	60
1 1/2"	42,4	80
1 3/4"	48,3	80
2"	60,3	100

TIM9611 /// UNION ROSCADA JUNTA PLANA, ROSCA INT/INT



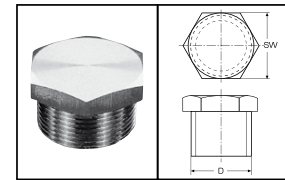
D pulg	L mm	SW mm
1/4"	45	35
1/2"	45	38
3/4"	43	42
1"	46	49
1 1/4"	51	60
1 1/2"	56	70
1 3/4"	59	77
2"	67	91

TIM 9626 /// TAPON HEXAGONAL



D pulg	SW mm
1/4"	18
1/2"	21
3/4"	27
1"	32
1 1/4"	39
1 1/2"	49
1 3/4"	55
2"	68

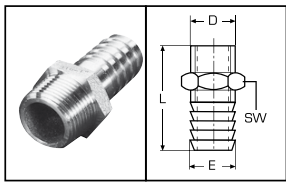
TIM 9630 /// TAPON HEXAGONAL ROSCA CONICA



D pulg	SW mm
1/4"	17
1/2"	19
3/4"	23
1"	29
1 1/4"	36
1 1/2"	49
1 3/4"	51
2"	63

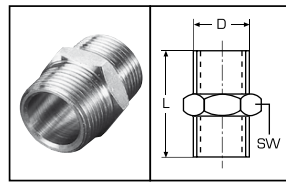


TIM 9637 /// RACOR CON HEXAGONO PARA TUBO FLEXIBLE



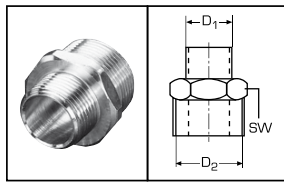
D	E	L	SW
pulg	mm	mm	mm
1/2"	9	48	15
3/4"	11	53	19
1/2"	14	65	23
3/4"	20	70	29
1"	26	75	38
1 1/4"	33	80	46
1 1/2"	39	95	50
2"	51	105	60

TIM 9640 /// RACOR DOBLE CON HEXAGONO



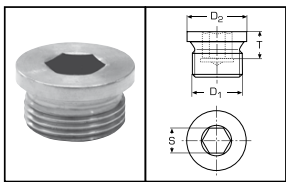
D	L	SW
pulg	mm	mm
1/2"	33	15
3/4"	35	20
1/2"	42	26
3/4"	49	31
1"	50	36
1 1/4"	57	45
1 1/2"	58	51
2"	64	63

TIM 9641 /// REDUCCION DOBLE CON HEXAGONO



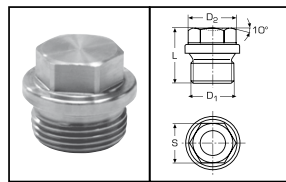
D2	D1	SW
mm	pulg	mm
1/2"	1/2"	40
3/4"	1/2"	34
1/2"	3/4"	34
3/4"	3/4"	40
1"	1/2"	40
1"	3/4"	43
1"	1"	43
1 1/4"	1"	53
1 1/4"	1"	53
1 1/2"	1"	55
1 1/2"	1 1/4"	55

DIN 908 /// TAPON ROSCADO CON HEXAGONO INTERIOR



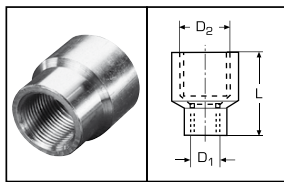
D1	D2	S	T
pulg	mm	mm	mm
G 1/2" A	14	5	5,0
G 3/4" A	18	6	7,0
G 1/2" A	22	8	7,5
G 3/4" A	26	10	7,5
G 1/2" A	32	12	9,0
G 3/4" A	39	17	9,0
G 1" A	49	22	10,5
G 1 1/4" A	55	24	10,5
G 1 1/2" A	68	32	14,0
G 2" A	14	5	5,0
M 10 x 1	17	6	7,0
M 12 x 1,5	19	6	7,0
M 14 x 1,5	21	8	7,5
M 16 x 1,5	23	8	7,5
M 18 x 1,5	25	10	7,5
M 20 x 1,5	29	10	7,5
M 22 x 1,5	31	12	7,5
M 24 x 1,5	32	12	9,0
M 26 x 1,5	36	12	9,0
M 27 x 2	36	17	9,0
M 30 x 1,5	36	17	9,0
M 30 x 2	12	17	9,0

DIN 910 /// TAPON HEXAGONAL COLLAR, ROSCA CILINDRICA



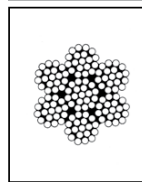
D1	D2	L	S
pulg	mm	mm	mm
G 1/2" A	14	17	10
G 3/4" A	18	21	13
G 1/2" A	22	21	17
G 3/4" A	26	26	19
G 1/2" A	32	30	24
G 1" A	39	32	27
G 1 1/4" A	44	32	27
G 1 1/2" A	49	33	30
G 1 1/2" A	55	33	30
G 2" A	62	40	36
M 10 x 1	68	40	36
M 12 x 1,5	14	17	10
M 14 x 1,5	17	21	13
M 16 x 1,5	19	21	13
M 18 x 1,5	21	21	17
M 20 x 1,5	23	24	17
M 22 x 1,5	25	26	19
M 24 x 1,5	27	26	19
M 26 x 1,5	29	27	22
M 27 x 2	31	30	24
M 30 x 1,5	32	30	24
M 30 x 2	36	30	24

TIM 9635 /// REDUCCION



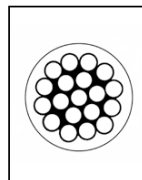
D1	D2	L
pulg	mm	mm
1/2"	1/2"	34
3/4"	1/2"	38
3/4"	3/4"	38
1/2"	3/4"	45
3/4"	1"	50
1/2"	1"	45
3/4"	1 1/4"	50
1"	1 1/4"	50
1"	1 1/2"	56
1 1/4"	1 1/2"	56

TIM 8036 /// CABLE ACERO 7x19



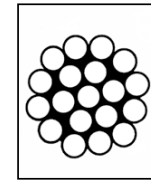
D	Carga de Rotura	Peso	P.U.	P.U.	P.U.	P.U.	
ø mm	kN	kN	kg/m	m	m	m	m
1,5	1,46	1,17	0,008	250	500	1.000	
2,0	2,65	2,33	0,015	250	500	1.000	
2,5	4,17	3,66	0,023	250	500	1.000	
3,0	5,86	4,69	0,035	250	500	1.000	
4,0	10,40	8,34	0,061	250	500	1.000	
5,0	16,30	13,00	0,096	250	500	1.000	
6,0	23,40	18,80	0,138	100	250	500	1.000
8,0	41,70	33,30	0,234	100	250	500	
10,0	65,10	52,10	0,381	100	250	500	1.000
12,0	93,70	75,00	0,548	100	250		

TIM 8037 /// CABLE ACERO 1x19 RECUBRIM. PVC BLANCO



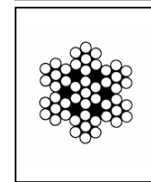
D	Exterior	P.U.	P.U.
ø mm	ø mm	m	m
2,5	3,5		250
3,0	5,0		250
4,0	6,0	100	250
5,0	8,0	100	250

TIM 8035 /// CABLE ACERO 1x19



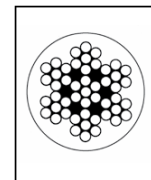
D	Carga de Rotura	Peso	P.U.	P.U.	P.U.	
ø mm	kN	kN	kg/m	m	m	m
1,0	0,94	0,83	0,0025	250	500	1.000
1,5	2,11	1,86	0,012	250	500	1.000
2,0	3,75	3,30	0,020	250	500	
2,5	5,86	5,15	0,031	250	500	
3,0	8,43	7,42	0,045	250	500	1.000
4,0	15,00	13,20	0,080	250	500	
5,0	23,40	20,60	0,124	250	500	
6,0	33,70	29,70	0,178	100	250	
8,0	60,00	52,80	0,317	100		
10,0	93,70	82,50	0,495	100	250	500
12,0	135,00	119,00	0,713	100		

TIM 8038 /// CABLE ACERO 7x7



D	Carga de Rotura	Peso	P.U.	P.U.	P.U.	P.U.	
ø mm	kN	kN	kg/m	m	m	m	m
1,0	0,71	0,63	0,004	250			
1,5	1,62	1,42	0,009	250	500	1.000	
2,0	2,69	2,25	0,016	250	500	1.000	
2,5	4,50	3,95	0,025	250	500	1.000	
3,0	6,05	5,07	0,035	250	500	1.000	
4,0	10,80	9,01	0,063	250	500	1.000	
5,0	16,80	14,10	0,098	250	500	1.000	
6,0	24,20	20,30	0,142	100	250	500	
8,0	43,00	36,10	0,252	100	250	500	

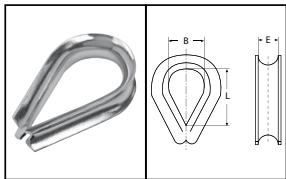
TIM 8039 /// CABLE ACERO 7x7 RECUBRIM. PVC BLANCO



D	Exterior	P.U.	P.U.	P.U.	P.U.
ø mm	ø mm	m	m	m	m
3	5		250	500	1.000
4	6		100	250	500
5	7		100	250	500

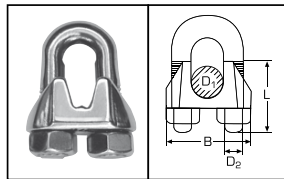


TIM 8247 /// GUARDACABOS



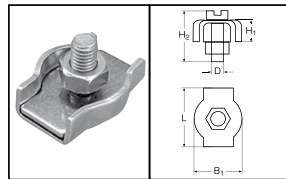
Ø	B	L	E	P.U.
2,0	7,0	10	2,0	50
2,5	8,0	14	2,5	50
3,0	10,0	17	3,0	50
4,0	11,0	18	4,0	50
5,0	13,0	20	5,6	50
6,0	15,0	25	6,5	20
8,0	18,0	33	9	10
10,0	23,0	41	11	10
12,0	27,0	48	14	10
14,0	34,0	53	15	5
16,0	36,0	57	17	5
18,0	40,0	67	19	5
20,0	45,0	75	22	5

TIM 8248 /// SUJETACABLES



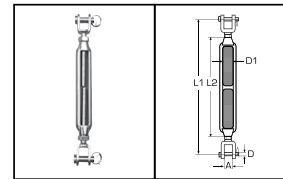
D1	D2	B	L	P.U.
2	M3	16	11	50
3	M3	21	11	50
4	M4	22	12	20
5	M5	23	15	20
6	M6	26	18	20
8	M6	30	18	10
10	M8	34	22	10
12	M10	40	30	10

TIM 8330 /// SIMPLEX PRENSA CABLE



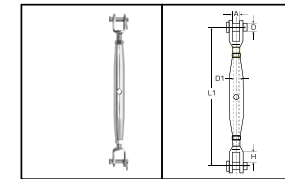
Ø	B1	D	H2	L	P.U.
2	12	M4	14	15	20
3	14	M4	13	18	20
4	18	M5	18	20	20
5	20	M5	17	25	10
6	24	M6	23	30	10
8	30	M8	30	36	10

TIM 8021 /// TENSOR ABIERTO CON HORQUILLAS



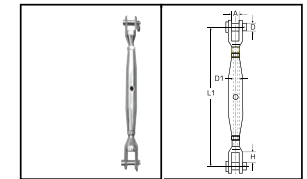
D1	L1	L2	A	D	H	P.U.
M5	120	70	6,5	5	10	10
M6	140	90	7,5	6	10	10
M8	180	120	11,0	8	10	10
M10	220	150	12,0	9	5	5
M12	300	200	14,0	12	5	5
M14	325	220	15,0	12	1	1
M16	375	250	17,0	16	1	1
M20	450	300	20,0	19	1	1

TIM 8245 /// TENSOR CON HORQUILLA TUBULAR, SOLDADA



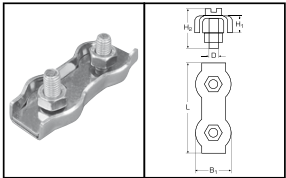
D1	L1	A	D	H	P.U.
M5	130	6,5	5	10	10
M6	150	7,5	6	10	10
M8	165	11,0	8	11	10
M10	190	12,0	9	14	5
M12	245	14,0	12	20	5
M14	270	15,0	12	22	1
M16	310	17,0	16	26	1
M20	360	20,0	19	30	1

TIM 8245 MT /// TENSOR CON HORQUILLA TUBULAR, TORNEADA



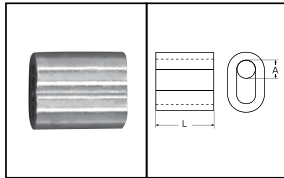
D1	L1	A	D	H	P.U.
M5	135	6,5	5	10	10
M6	160	7,5	6	10	10
M8	180	11,0	8	11	10
M10	210	12,0	9	14	5
M12	270	14,0	12	20	5
M14	295	15,0	12	22	1
M16	340	17,0	16	26	1

TIM 8331 /// DUBLEX PRENSA CABLE



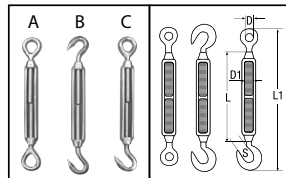
Ø	B1	D	H2	L	P.U.
2	12	M4	14	30	20
3	14	M4	14	36	20
4	18	M5	17	40	20
5	20	M5	17	50	10
6	24	M6	23	60	10
8	30	M8	27	72	5

TIM 8026 /// CASQUILLOS



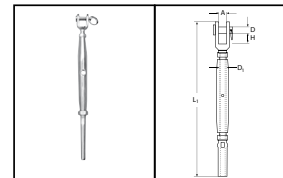
D	A	L	P.U.
2	2,3	9,3	10
3	3,3	11,0	10
4	4,4	14,0	10
5	5,5	18,0	10
6	6,6	21,0	10
8	8,8	28,0	5

DIN 1480 /// TENSOR



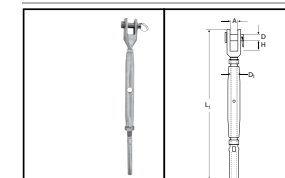
Typ	D1	L	L1	D	S	P.U.
AB/C	M5	70	120	8	8	10
AB/C	M6	90	150	10	9	10
AB/C	M8	120	200	14	11	10
AB/C	M10	150	240	16	12	5
AB/C	M12	200	310	18	14	5
AB/C	M16	250	390	26	16	1
AB/C	M20	300	440	30	18	1

TIM 8275 /// TENSOR TUBULAR, HORQUILLA/TERMINAL CABLE SOLDADA



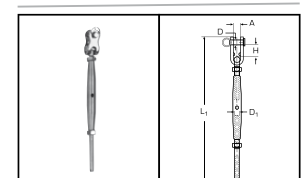
D1	Ø	L1	A	D	H	P.U.
M5	2,5	155	6,5	5,0	10	10
M6	3,0	175	7,5	6,0	10	10
M8	4,0	200	11,0	8,0	11	10
M10	5,0	230	12,0	9,0	14	5
M12	6,0	285	14,0	12,0	20	5
M16	8,0	360	17,0	16,0	26	1
M20	10,0	410	20,0	19,0	30	1
M20	12,0	430	23,0	19,0	35	1

TIM 8275 MT /// TENSOR TUBULAR, HORQUILLA/TERMINAL CABLE TORNEADA



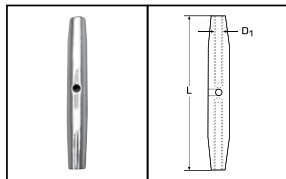
D1	Ø	L1	A	D	H	P.U.
M6	3,0	180	7,5	6	10	10
M8	4,0	210	11,0	8	11	10
M10	5,0	240	12,0	9	14	5
M12	6,0	300	15,0	12	20	5
M16	8,0	370	17,0	16	26	1

TIM 8476 /// TENSOR TUBULAR



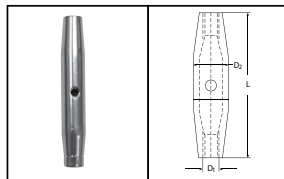
D1	Ø	L1	A	D	H	P.U.
M6	3	180	7	6	15	5
M8	4	210	10	8	20	5
M10	5	250	12	9	25	5
M12	6	300	13	12	30	5
M16	8	390	17	16	40	1
M20	10	450	20	19	45	1

TIM 8319 /// CUERPO ROSCADO PARA TENSOR



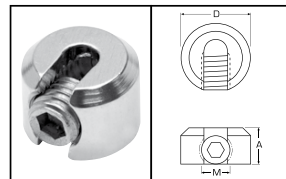
D1	L	P.U.
M6	95	10
M8	105	10
M10	125	5
M12	150	5
M14	165	1
M16	190	1
M20	210	1

TIM 8457 /// MINI CUERPO ROSCADO PARA TENSOR



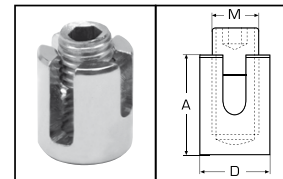
D1	L	D2	P.U.
M6	65	10	10
M8	70	13,5	10
M10	85	17,2	5

TIM8427 /// PRISIONERO PARA CABLE



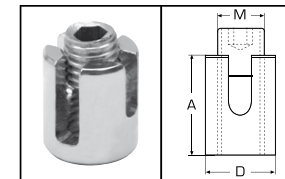
Ø	D	A	M	P.U.
2	10	8	M4	10
3	15	12	M8	10
4	15	12	M8	10
5	20	15	M10	10
6	20	15	M10	10

TIM 8424 /// PRISIONERO CABLE CERRADO



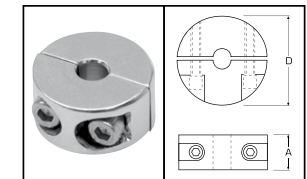
Ø	D	A	M	P.U.
2	17	18	M10	10
3	17	19	M10	10
4	20	21	M12	10
5	20	23	M12	5
6	20	25	M12	5

TIM 8425 /// PRISIONERO CABLE ABIERTO



Ø	D	A	M	P.U.
3	17	19	M10	10
4	20	21	M12	10
5	20	23	M12	5

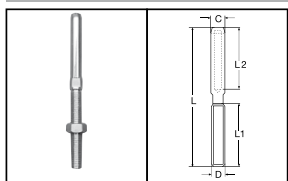
TIM 8426 /// ANILLO PRISIONERO PARA CABLE



Ø	D	A	P.U.
2	16	10	10
3	16	10	10
4	16	10	10
5	20	10	10

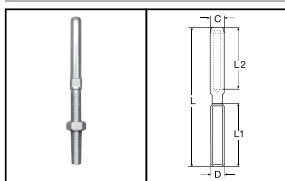


TIM 8320 /// TERMINAL CON ROSCA A DERECHA, CON TUERCA



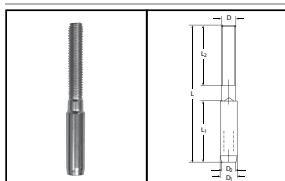
Ø mm	D mm	L mm	L1 mm	L2 mm	C mm	P.U.
2,0	M 4	73	38	24	4,8	10
2,5	M 5	86	40	32	5,5	10
3,0	M 6	100	48	39	6,5	10
4,0	M 8	117	57	45	7,5	10
5,0	M 10	130	63	52	9,0	5
6,0	M 12	162	80	64	12,5	5
8,0	M 16	200	100	80	16,0	5
10,0	M 20	230	119	90	18,0	5
12,0	M 20	245	120	105	20,0	5

TIM 8620 /// TERMINAL CON ROSCA A IZQUIERDA, CON TUERCA



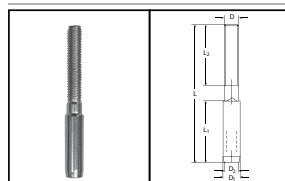
Ø mm	D mm	L mm	L1 mm	L2 mm	C mm	P.U.
2,0	M 4	73	38	24	4,8	10
2,5	M 5	86	40	32	5,5	10
3,0	M 6	100	48	39	6,5	10
4,0	M 8	117	57	45	7,5	10
5,0	M 10	130	63	52	9,0	5
6,0	M 12	162	80	64	12,5	5
8,0	M 16	200	100	80	16,0	5
10,0	M 20	230	119	90	18,0	5
12,0	M 20	245	120	105	20,0	5

TIM 8447 /// MINI TERMINAL CON ATERRAJADO LARGO A LA DERECHA



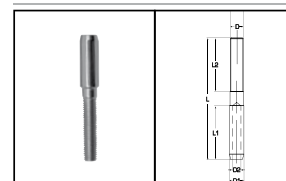
Ø mm	D mm	D1 mm	D2 mm	L mm	L1 mm	L2 mm	P.U.
4	M 6	7,5	4,3	90	25	60	10
5	M 8	9,0	5,3	100	31	60	10
6	M 10	12,5	6,3	125	37	80	5

TIM 8448 /// MINI TERMINAL CON ATERRAJADO LARGO A LA IZQUIERDA



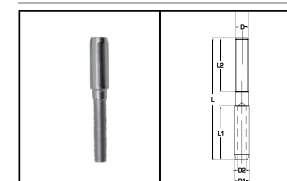
Ø mm	D mm	D1 mm	D2 mm	L mm	L1 mm	L2 mm	P.U.
4	M 6	7,5	4,3	90	25	60	10
5	M 8	9,0	5,3	100	31	60	10
6	M 10	12,5	6,3	125	37	80	5

TIM 8445 /// MINI TERMINAL CON ATERRAJADO A LA DERECHA



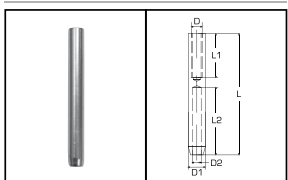
Ø mm	D mm	D1 mm	D2 mm	L mm	L1 mm	L2 mm	P.U.
4	M 6	7,5	4,3	60	25	30	10
5	M 8	9,0	5,3	70	31	31	10
6	M 10	12,5	6,3	85	37	40	5

TIM 8446 /// MINI TERMINAL CON ATERRAJADO A LA IZQUIERDA



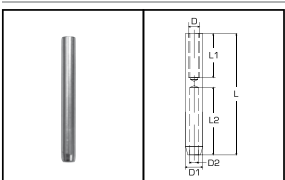
Ø mm	D mm	D1 mm	D2 mm	L mm	L1 mm	L2 mm	P.U.
4	M 6	7,5	4,3	60	25	30	10
5	M 8	9,0	5,3	70	31	31	10
6	M 10	12,5	6,3	85	37	40	5

TIM 8449 /// MINI TERMINAL CON ATERRAJADO INTERNO A LA DCHA.



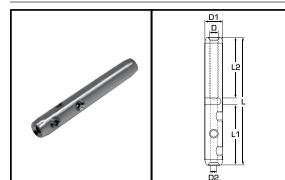
Ø mm	D mm	D1 mm	D2 mm	L mm	L1 mm	L2 mm	P.U.
4	M 6	7,5	4,3	65	22	36	10
5	M 6	9,0	5,3	70	22	41	10
6	M 8	12,5	6,3	85	25	53	5

TIM 8450 /// MINI TERMINAL CON ATERRAJADO INTERNO A LA IZQ.



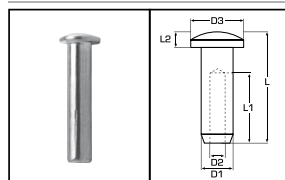
Ø mm	D mm	D1 mm	D2 mm	L mm	L1 mm	L2 mm	P.U.
4	M 6	7,5	4,3	65	22	36	10
5	M 6	9,0	5,3	70	22	41	10
6	M 8	12,5	6,3	85	25	53	5

TIM 8451 /// TORNILLO TERMINAL PARA CABLE DE ACERO



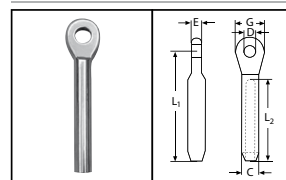
Ø mm	D mm	D1 mm	D2 mm	L mm	L1 mm	L2 mm	P.U.
3+4	M 6	12	4,4	80	40	35	5

TIM 8558 /// TERMINAL DE CABEZA CILINDRICA



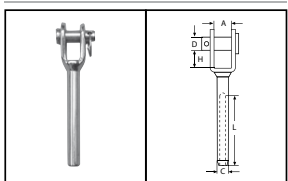
Ø mm	D1 mm	D2 mm	D3 mm	L mm	L1 mm	L2 mm	P.U.
3	5,5	3,3	9	25	18	2	10
4	6,5	4,3	11	30	24	2	10
5	7,5	5,3	13	35	28	2,5	10
6	9,0	6,3	16	40	32	3	10

TIM 8317 /// TERMINAL TIPO OJILLO



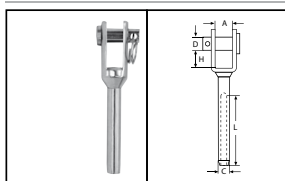
Ø mm	L1 mm	L2 mm	E mm	D mm	C mm	P.U.
2,5	50	30	3	5,4	5,5	10
3,0	55	36	4	6,5	6,3	10
4,0	65	39	6	8,5	7,5	10
5,0	80	50	7	10,0	9,0	5
6,0	94	62	8	12,5	12,5	5
8,0	124	85	10	14,5	16,0	5
10,0	142	90	12	16,4	18,0	5
12,0	160	105	16	19,3	20,0	5

TIM 8316 /// TERMINAL HORQUILLA ROSCA INTERIOR, SOLDADO



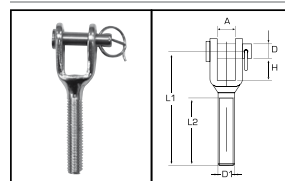
Ø mm	D mm	A mm	L mm	C mm	H mm	P.U.
2	5	6,0	24	5,5	8	10
3	6	7,5	32	6,5	10	10
4	8	11,0	40	7,5	11	10
5	9	12,0	57	9,0	14	5
6	12	14,0	63	12,5	20	5
8	16	17,0	85	16,0	26	5
10	19	20,0	90	18,0	30	5
12	19	23,0	105	20,0	35	5

TIM 8316MT /// TERMINAL HORQUILLA ROSCA INTERIOR, TORNEADA



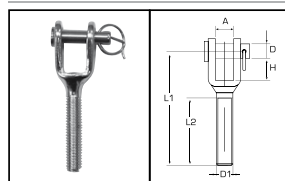
Ø mm	D mm	A mm	L mm	C mm	H mm	P.U.
3	6	7	39	6,5	10	10
4	8	11	45	8,0	11	10
5	9	12	52	9,0	14	5
6	12	14	64	13,0	20	5
8	16	17	80	16,0	26	5

TIM 8552 /// HORQUILLA ATERRAJADO EXTERNO A LA DERECHA



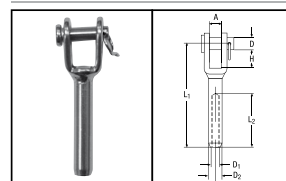
D1 mm	L1 mm	L2 mm	H mm	A mm	D mm	P.U.
M 6	47	25	10	8	6	10
M 8	52	25	12	10	8	10
M 10	72	45	14	12	10	5

TIM 8553 /// HORQUILLA ATERRAJADO EXTERNO A LA IZQUIERDA



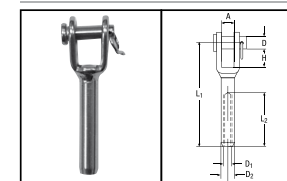
D1 mm	L1 mm	L2 mm	H mm	A mm	D mm	P.U.
M 6	47	25	10	8	6	10
M 8	52	25	12	10	8	10
M 10	72	45	14	12	10	5

TIM 8455 /// HORQUILLA ATERRAJADO INTERNO A LA DERECHA



D1 mm	L1 mm	L2 mm	A mm	D mm	H mm	D2 mm	P.U.
M 6	60	30	9	6	10	8	10
M 8	65	31	10	8	12	12	10
M 10	70	40	12	10	12	14	5

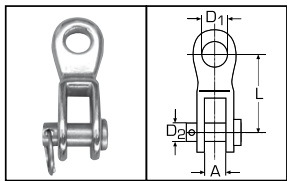
TIM 8456 /// HORQUILLA ATERRAJADO INTERNO A LA IZQUIERDA



D1 mm	L1 mm	L2 mm	A mm	D mm	H mm	D2 mm	P.U.
M 6	60	30	9	6	10	8	10
M 8	65	31	10	8	12	12	10
M 10	70	40	12	10	12	14	5

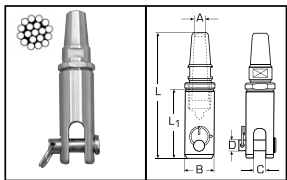


TIM 8318 /// ARTICULACION HORQUILLA



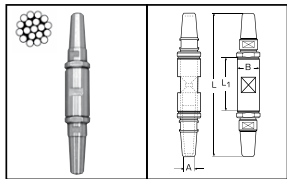
Typ	D1 mm	D2 mm	A mm	L mm	PU.
5	5,5	5,0	5,5	22	4
6	6,5	6,0	6,0	27	4
8	8,5	8,5	9,0	31	4
10	10,0	9,5	12,0	36	4
12	13,0	13,0	12,5	50	4
14	15,0	14,5	13,0	60	1
16	16,5	16,0	15,0	80	1

TIM 8323 /// TERMINAL DE HORQUILLA PARA ATORNILLAR



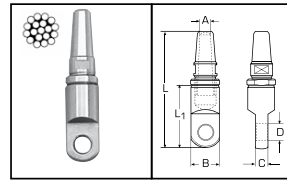
Ø mm	A mm	B mm	C mm	D mm	L mm	L1 mm
4	4,5	18	8	6,0	76	45
5	6,0	20	10	8,0	98	52
6	7,0	24	11	10,0	106	63
8	9,0	30	14	10,5	134	82
10	11,0	36	14	12,5	166	94

TIM 8324 /// TERMINAL DOBLE PARA ATORNILLAR



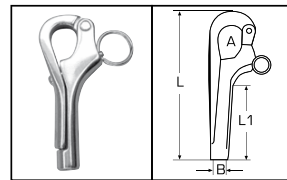
Ø mm	A mm	B mm	L mm	L1 mm
4	4,5	18	71	40
5	6,0	20	129	45
6	7,0	24	98	55
8	9,0	30	121	69
10	11,0	36	152	80

TIM 8322 /// TERMINAL DE OJO PARA ATORNILLAR



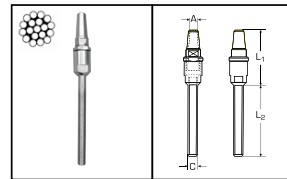
Ø mm	A mm	B mm	C mm	D mm	L mm	L1 mm
4	4,5	18	7	8	71	40
5	6,0	20	9	10	91	45
6	7,0	24	10	13	98	55
8	9,0	30	13	15	121	69
10	11,0	36	13	15	152	80

TIM 8157 /// GANCHO PELICANO



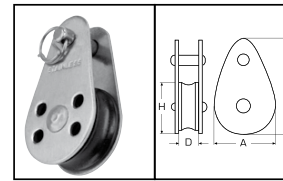
L mm	L1 mm	A mm	B mm	PU.
76	39	13	M 6 x 9	5
100	48	16	M 8 x 12	5

TIM 8326 /// TERMINAL ROSCADO PARA MONTAJE



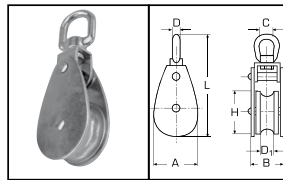
Ø mm	A mm	B mm	C mm	L2 mm	L1 mm
4	4,5	18	M 8	75	54
5	6,0	20	M 10	100	72
6	7,0	24	M 12	125	75
8	9,0	30	M 16	150	92
10	11,0	36	M 16	150	117

TIM 8389 /// POLEA RODILLO NYLON



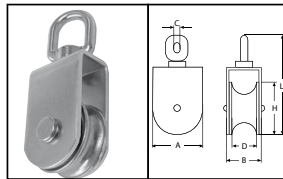
D mm	H mm	A mm	L mm
6,5	25	25	45

TIM 8369 /// POLEA RODILLO INOX



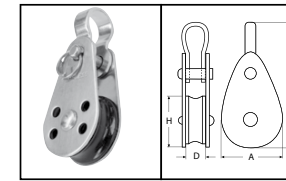
Typ	H mm	D1 mm	L mm	C mm	D mm	A mm	B mm
A	25	10	88	13	5	27	24
B	32	10	98	13	6	35	42
C	50	14	142	20	8	54	54

TIM 8392 /// POLEA RODILLO INOX



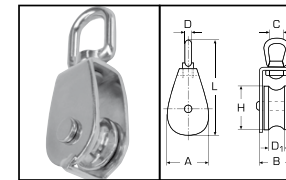
Typ	H mm	L mm	D mm	A mm
A	50	127	14,0	52
B	75	170	15,0	78
C	100	205	17,5	104

TIM 8391 /// POLEA RODILLO NYLON



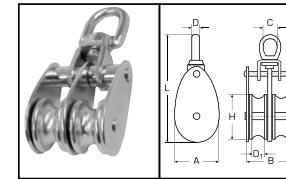
D mm	H mm	A mm	L mm
6,5	25	25	57

TIM 8393 /// POLEA RODILLO INOX



Typ	H mm	D1 mm	L mm	C mm	D mm	A mm	B mm
A	25	12	83	15	6	30	24
B	32	12	97	16	6	36	24
C	50	15	127	20	8	54	28

TIM 8390 /// DOBLE POLEA RODILLO INOX



Typ	H mm	D1 mm	L mm	C mm	D mm	A mm	B mm
A	25	10	88	13	5	27	37
B	32	10	98	13	6	35	42
C	50	14	142	20	8	54	54



DIN	DIN	DIN	DIN	DIN	TIM	TIM	TIM
1	440	916	1473	7971	9145	9310	9510
7	444	917	1474	7972	9150	9312	9580
84	462	921	1475	7973	9155	9314	9582
85	463	923	1476	7976	9160	9315	9800
93	464	928	1481	7980	9165	9316	9810
94	465	929	1587	7981 H/Z	9166	9317	9820
95	466	931	1804	7982 H/Z	9167	9318	9850
96	467	933	2093	7983 H/Z	9170-9178	9320	9851
97	471	933 SZ	2510	7984	9180-9198	7380	
125 A	472	934	3017	7985 H/Z	9200	9330	
125 B	546	934	3570	7989	9209	9332	
127 A	547	934	6319	7991	9210	9335	
127 B	551	934	6330	7993	9211	9340	
128 A	553	935	6331	7995 H/Z	9213	9345	
128 B	557	937	6334	7996 H/Z	9215-9216	9400-9420	
137 A	562	938	6796	7997 H/Z	9218	9440	
137 B	571	939	6797	9021	9220	9450	
186	580	963	6798	11024	9230	9460	
315 AF	582	964	6799	25201	9231	9465	
315 DF	603	965 H	6885	TIM	9235	9470	
316 AF	653	965 Z	6900	9100	9236	9475	
316 DF	660	966 H/Z	6901	9105	9240	9477	
404	661	976 - 1	6912	9110	9245-9248	9478	
417	705	976 - 1	6921	9112	9250	9479	
427	835	980	7337	9115	9255	9480	
431	906	982	7343	9117	9260	9482	
432	908	985	7349	9120	9265-9269	9485	
433	910	986	7500	9122	9270	9486	
434	912	988	7504	9125	9280	9488	
435	913	1052	7516	9127	9290	9489	
436	914	1440	7967	9130	9300	9495	
438	915	1472		9135	9305	9500	
439							
439							
439							

SISTEMAS DE ANCLAJE





NÁUTICA

Torinoxmed

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