

2011 FERRAGENS
GATE ACCESSORIES



 **DARDO®**
FERRAGENS



2011

ACESSÓRIOS PARA PORTAS E PORTÕES
Gate Accessories

Condições de Venda *Sale Conditions*

Preços *Prices*

Os preços das mercadorias a adquirir pelo cliente, são os que se encontram em vigor na tabela de preços da DARDO, sendo-lhes acrescido IVA à taxa legal em vigor.
Todos os nossos preços, estão sujeitos a alteração sem aviso prévio.

The prices of goods acquired by the customer are those that are in force price list of DARDO, plus VAT at the legal rate. All our prices are subject to change without notice.

Abertura de Crédito *Opening Credit*

Para abertura de conta a crédito, é necessário o preenchimento do impresso “Ficha de Cliente”, ficando sujeito a aprovação do Departamento Financeiro da DARDO.
As condições que venham a ser concedidas, poderão ser alteradas ou mesmo anuladas, caso o Departamento Financeiro da DARDO assim o entenda.

For credit, you must fill out the form “Form Client” subject to approval by the Finance Department at DARDO. The conditions that may be granted, may be altered or even canceled, if the DARDO Finance Department at DARDO so wishes.

Transporte *Transportation*

O transporte de mercadorias é sempre por conta e risco do cliente.
A DARDO, não terá qualquer responsabilidade por eventuais atrasos de entrega de mercadorias.

*Freight is always the risk of the customer.
DARDO will have no liability for any delays in delivery of goods.*

Devolução de Mercadoria *Return Merchandise*

A devolução de mercadoria só será considerada, quando comunicada por escrito no prazo máximo de 8 dias úteis a contar da data de receção da mercadoria.
Após autorização da devolução, por parte da DARDO, a mercadoria deverá ser acompanhada de uma Nota de Devolução, de acordo com a legislação em vigor.
Não são aceites devoluções de mercadoria entregues em perfeitas condições e cujo fornecimento foi realizado de acordo com a encomenda do cliente.

The return of goods will only be considered when notified in writing within 8 working days from the date of receipt of merchandise. After authorization of the return by DARDO, the goods must be accompanied by a Return Note, according to law. Returns are not accepted of goods delivered in perfect condition and whose supply was performed according to the customer order.

Pagamento *Payment*

O pagamento de faturas antes de decorridos 8 dias após a sua emissão será beneficiado com um desconto financeiro de 2%.
O prazo de pagamento para os clientes que tem conta a crédito, são de 60 dias a partir da data da fatura.
Sempre que o prazo de vencimento da fatura não é cumprido, o fornecimento de mercadoria, a crédito, será suspenso até à regularização total dos débitos existentes.
Confere á nossa empresa o direito de debitar ao cliente juros de mora, de acordo com a legislação em vigor, caso os prazos de pagamento estipulados não sejam cumpridos.

*Payment of invoices earlier than eight days after their issue will benefit with a financial discount of 2%.
The payment period for customers who have a credit account, are 60 days from the date of invoice.
Exceeded the 60 days of expiration, the credit is suspended.
It is our right to charge costs if the 60 days are exceeded, according to law.*

Jurisdição *Jurisdiction*

No caso de litígio, decorrerá a acção no foro da Comarca de Águeda.

In case of dispute, the situation is resolved in the forum of the district of Aveiro.



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PORTUGAL

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FAX +351 234 644 272

GPS
N 40 36" 16'
W 8 27" 45'

ACESSÓRIOS PARA PORTAS E PORTÕES

Gate Accessories

DESEJO
ATTITUDE
RENOVAÇÃO
DESENVOLVIMENTO
ORGANIZAÇÃO
-

DESIRE
ATTITUDE
RENEWAL
DEVELOPMENT
ORGANIZATION



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DESEJO
DESIRE



ACESSÓRIOS PORTÕES DE CORRER

ACCESSORIES FOR SLIDING GATES



RODA C/ 1 ROLAMENTO - GOLA V

Wheel with 1 bearing - Grove V

Ref.	ø (mm)	Preço / Price	
101	50		25
	60		
	70		
	75		
	80		
	90		16
	100		12
	120		
	140		4
	160		2
	200		



RODA C/ 1 ROLAMENTO - GOLA U

Wheel with 1 bearing - Grove U

Ref.	ø (mm)	Preço / Price	
102	50		25
	60		
	70		
	75		
	80		
	90		16
	100		12
	120		
	140		4
	160		2
	200		



RODA C/ 1 ROLAMENTO - GOLA Q

Wheel with 1 bearing - Grove Q

Ref.	ø (mm)	Preço / Price	
103	50		25
	60		
	80		20
	100		12
	120		



RODA C/ 2 ROLAMENTOS - GOLA V

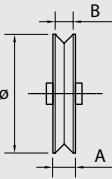
Wheel with 2 bearings - Grove V

Ref.	ø (mm)	Preço / Price	
201	80		10
	100		
	120		
	140		6
	160		4
	200		2



Capacidade de Carga para 2 Unidades
Capacity for 2 items

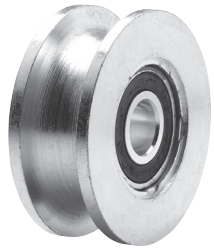
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
50	16	12	200
60	16	12	200
70	20	16	300
75	20	16	300
80	20	16	300
90	20	16	300
100	20	16	300
120	20	16	300
140	20	16	300
160	20	16	300
200	20	16	300



RODA C/ 2 ROLAMENTOS - GOLA U

Wheel with 2 bearings - Grove U

Ref.	ø (mm)	Preço / Price	
202	80		10
	100		
	120		
	140		4
	160		
	200		2



RODA C/ 1 ROLAMENTO - CANAL 20

Wheel with 1 bearing - Channel 20

Ref.	ø (mm)	Preço / Price	
252	60		20
	80		10
	100		



RODA C/ SUPORTE SOLDAR
1 ROLAMENTO - GOLA V

Wheel with 1 bearing, welding support - Grove V

Ref.	ø (mm)	Preço / Price	
301	50		12
	60		
	70		14
	80		10
	90		
	100		
	120		6



RODA C/ SUPORTE SOLDAR
1 ROLAMENTO - GOLA U

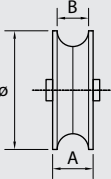
Wheel with 1 bearing, welding support - Grove U

Ref.	ø (mm)	Preço / Price	
302	50		12
	60		
	70		
	80		10
	90		
	100		
	120		6

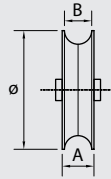


Capacidade de Carga para 2 Unidades
Capacity for 2 items

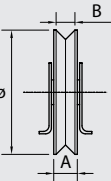
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
80	30	20	600
100	30	20	600
120	30	20	600
140	30	20	600
160	30	20	600
200	30	20	600



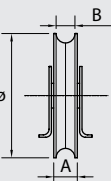
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	25	20	200
80	25	20	300
100	25	20	300



ø (mm)	A (mm)	B (mm)	⬇ (Kg)
50	16	12	200
60	16	12	200
70	20	16	300
80	20	16	300
90	20	16	300
100	20	16	300
120	20	16	300



ø (mm)	A (mm)	B (mm)	⬇ (Kg)
50	16	12	200
60	16	12	200
70	20	16	300
80	20	16	300
90	20	16	300
100	20	16	300
120	20	16	300

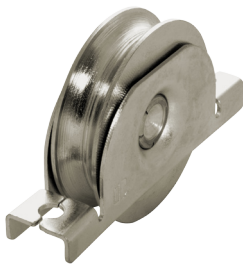




RODA C/ SUPORTE 2 FUROS
1 ROLAMENTO - GOLA V

Wheel with 1 bearing, 2 holes support - Grove V

Ref.	ø (mm)	Preço / Price	
401	50		12
	60		
	70		
	80		10
	90		
	100		
	120		6



RODA C/ SUPORTE 2 FUROS
1 ROLAMENTO - GOLA U

Wheel with 1 bearing, 2 holes support - Grove U

Ref.	ø (mm)	Preço / Price	
402	50		12
	60		
	70		
	80		10
	90		
	100		
	120		6



RODA C/ SUPORTE TRIANGULAR
1 ROLAMENTO - GOLA V

Wheel with 1 bearing, triangular support - Grove V

Ref.	ø (mm)	Preço / Price	
501	80		10



RODA C/ SUPORTE TRIANGULAR
1 ROLAMENTO - GOLA U

Wheel with 1 bearing, triangular support - Grove U

Ref.	ø (mm)	Preço / Price	
502	80		10



RODA C/ 1 ROLAMENTO
EM NYLON - GOLA V

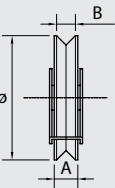
Wheel in nylon with 1 bearing - Grove V

Ref.	ø (mm)	Preço / Price	
N11	60		25
	80		20
	100		12

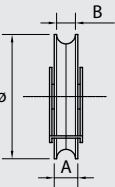


Capacidade de Carga para 2 Unidades
Capacity for 2 items

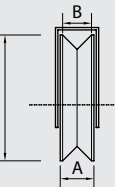
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
50	16	12	200
60	16	12	200
70	20	16	300
80	20	16	300
90	20	16	300
100	20	16	300
120	20	16	300



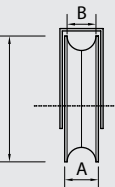
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
50	16	12	200
60	16	12	200
70	20	16	300
80	20	16	300
90	20	16	300
100	20	16	300
120	20	16	300



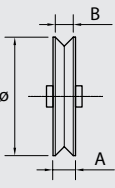
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
80	25	20	300



ø (mm)	A (mm)	B (mm)	⬇ (Kg)
80	25	20	300



ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	80
80	20	16	130
100	20	16	130



RODA C/ 1 ROLAMENTO
EM NYLON - GOLA U

Wheel in nylon with 1 bearing - Grove U

Ref.	ø (mm)	Preço / Price	
N12	60		25
	80		20
	100		12



RODA C/ 2 ROLAMENTOS
EM NYLON - GOLA V

Wheel in nylon with 2 bearings - Grove V

Ref.	ø (mm)	Preço / Price	
N13	60		12
	80		10
	100		



RODA C/ 2 ROLAMENTOS
EM NYLON - GOLA U

Wheel in nylon with 2 bearings - Grove U

Ref.	ø (mm)	Preço / Price	
N14	60		12
	80		10
	100		



RODA C/ SUPORTE SOLDAR
1 ROLAMENTO EM NYLON - GOLA V

Wheel in nylon with 1 bearing, welding support - Grove V

Ref.	ø (mm)	Preço / Price	
N311	60		12
	80		10
	100		



RODA C/ SUPORTE SOLDAR
1 ROLAMENTO EM NYLON - GOLA U

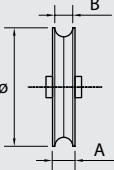
Wheel in nylon with 1 bearing, welding support - Grove U

Ref.	ø (mm)	Preço / Price	
N312	60		12
	80		10
	100		

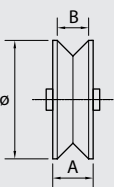


Capacidade de Carga para 2 Unidades
Capacity for 2 items

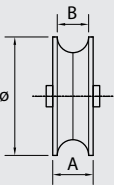
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	80
80	20	16	130
100	20	16	130



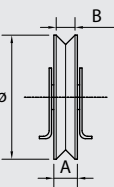
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	30	20	150
80	30	20	260
100	30	20	260



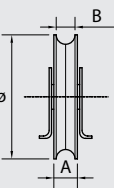
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	30	20	150
80	30	20	260
100	30	20	260



ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	80
80	20	16	130
100	20	16	130



ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	80
80	20	16	130
100	20	16	130





RODA C/ SUPORTE 2 FUROS
1 ROLAMENTO - GOLA V

Wheel in nylon with 1 bearing, 2 holes support - Grove V

Ref.	ø (mm)	Preço / Price	
N411	60		12
	80		
	100		



RODA C/ SUPORTE 2 FUROS
1 ROLAMENTO - GOLA U

Wheel in nylon with 1 bearing, 2 holes support - Grove U

Ref.	ø (mm)	Preço / Price	
N412	60		12
	80		
	100		



ROLETO EM NYLON

Nylon cylindrical roller

Ref.	ø (mm)	Preço / Price	
NL	25		50
	28		
	30		
	40		20
	40*60		



PLACA GUIA C/ 2 ROLETOS

Top plate guide with 2 cylindrical rollers

Ref.	ø (mm)	Preço / Price	
PG2	30		12
	40		



PLACA GUIA C/ 4 ROLETOS

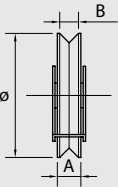
Top plate guide with 4 cylindrical rollers

Ref.	ø (mm)	Preço / Price	
PG4	30		12
	40		

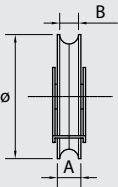


Capacidade de Carga para 2 Unidades
Capacity for 2 items

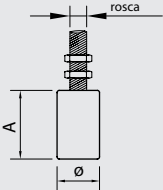
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	80
80	20	16	130
100	20	16	130



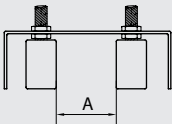
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	80
80	20	16	130
100	20	16	130



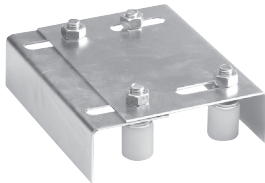
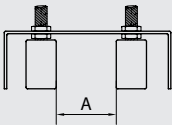
ø (mm)	A (mm)	Rosca
25	28	M12
28	34	M14
30	34	M14
40	40	M14
40	60	M14



ø (mm)	A (mm)
30	30-75
28	20-70



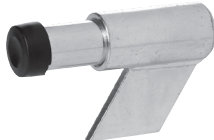
ø (mm)	A (mm)
30	30-75
28	20-60



PLACA GUIA REGULÁVEL

Adjustable top plate guide with 4 cylindrical rollers

Ref.	ø (mm)	Preço / Price	
PGR	30		12
	40		



BATENTE MOLA

Stop with shock absorber

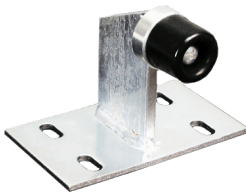
Ref.	ø (mm)	Preço / Price	
415	30		5



BATENTE P/ CHUMBAR

Stop in zinked steel

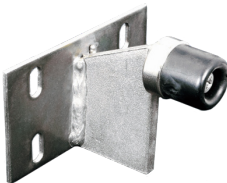
Ref.	Preço / Price	
420		20
421		



BATENTE P/ APARAFUSAR
NO PAVIMENTO

Stop in zinked steel to be fixed to the floor

Ref.	Preço / Price	
430PAV		10
431PAV		

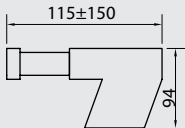
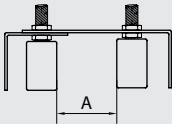


BATENTE P/ APARAFUSAR
NA PAREDE

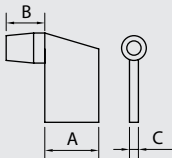
Stop in zinked steel to be fixed to the wall

Ref.	Preço / Price	
430P		10
431P		

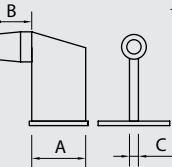
ø (mm)	A (mm)
30	20-65
28	20-60



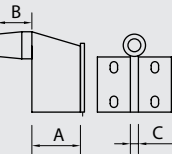
REF.	A (mm)	B (mm)	C (mm)
420	50	27	6
421	70	32	10



REF.	A (mm)	B (mm)	C (mm)
430PAV	50	27	6
431PAV	70	32	10



REF.	A (mm)	B (mm)	C (mm)
430P	50	27	6
431P	70	32	10

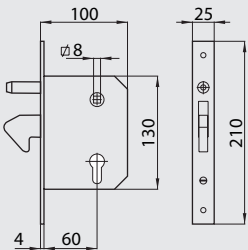




FECHADURA DE GANCHO C/
PERNO DE SEGURANÇA

Hook lock with pin

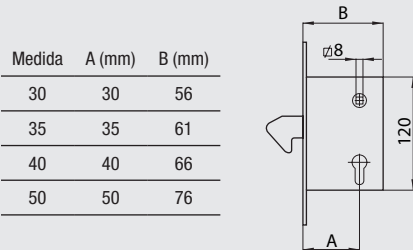
Ref.	Medida / Size	Preço / Price	
555/60	60		12



FECHADURA DE GANCHO

Hook lock

Ref.	Medida / Size	Preço / Price	
555	30		12
	35		
	40		
	50		



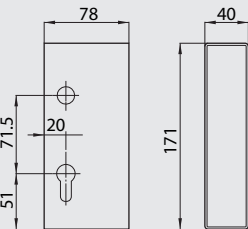
Medida	A (mm)	B (mm)
30	30	56
35	35	61
40	40	66
50	50	76



CAIXA P/ FECHADURA

Cover lock box

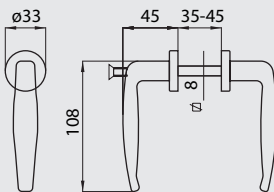
Ref.	Preço / Price	
CX/555		12



MANIPULO

Handle

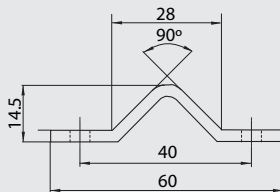
Ref.	Preço / Price	
M/500		6



CALHA EM V

Track in V form

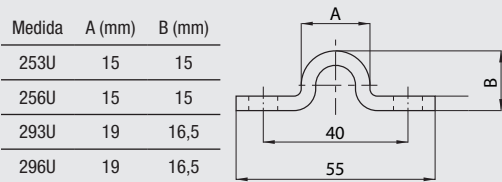
Ref.	Medida / Size	Preço/m / Price/m	m
C100	103V		3
	106V		6



CALHA EM U

Track in U form

Ref.	Medida / Size	Preço/m / Price/m	m
C200	253U		3
	256U		6
	293U		3
	296U		6



Medida	A (mm)	B (mm)
253U	15	15
256U	15	15
293U	19	16,5
296U	19	16,5

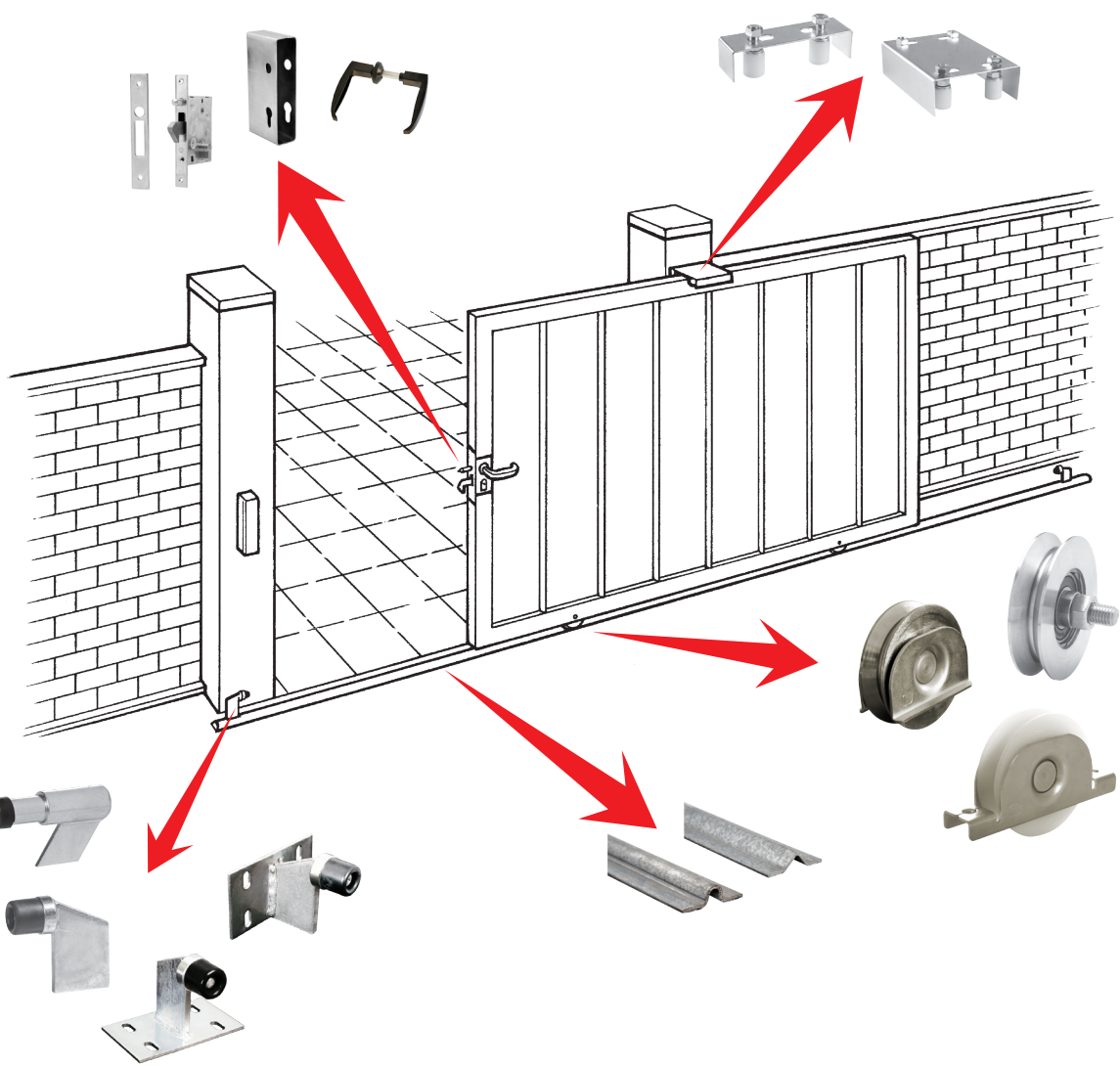


TABELA DE CORRESPONDÊNCIA - RODAS

WHEEL MATCH TABLE

Ref./RODA / Wheel	103V - 106V	253U - 256U	293U - 296U
101/102	*	*	
202/252			*
301/302	*	*	
401/402	*	*	
502			*
N11/N12	*	*	
N14			*
N311/N312	*	*	
N411/N412	*	*	

ATTITUDE
ATTITUDE



ACESSÓRIOS PORTÕES SUSPENSOS

ACCESSORIES FOR HANGING GATES



CARRO Nº10

Fix trolley nr. 10 with two wheels

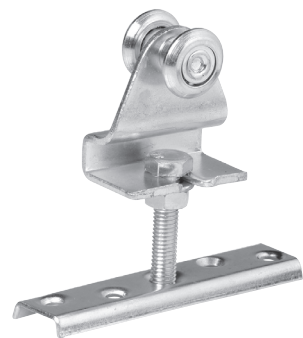
Ref.	Preço / Price	
10		100



CARRO Nº10D

Fix trolley nr. 10D with four wheels

Ref.	Preço / Price	
10D		50



CARRO Nº12

Fix trolley nr. 12 with two wheels

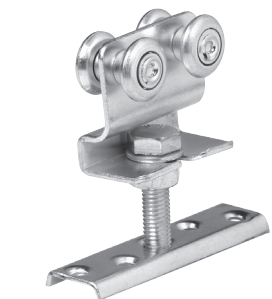
Ref.	Preço / Price	
12		25



CARRO Nº12 C/ PATILHA DIREITA

Fix trolley nr. 12 with two wheels and fix plate

Ref.	Preço / Price	
12 Dtª		50



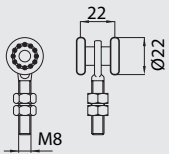
CARRO Nº14

Fix trolley nr. 14 with four wheels

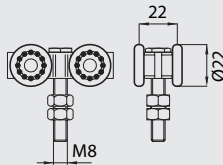
Ref.	Preço / Price	
14		25



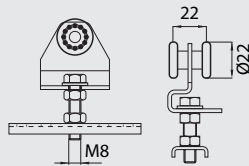
Capacidade de Carga para 2 Unidades
Capacity for 2 items



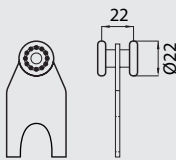
⬇ (Kg)
70



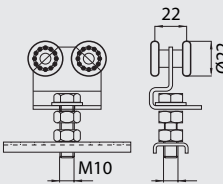
⬇ (Kg)
100



⬇ (Kg)
70



⬇ (Kg)
70



⬇ (Kg)
120



CARRO Nº35S

Fix trolley nr. 35S with two wheels

Ref.	Preço / Price	
35S 40		25
35S 54		10



CARRO Nº35D

Fix trolley nr. 35D with four wheels

Ref.	Preço / Price	
35D 40		25
35D 54		8



TRAVESSÃO T35

Rotating plate T35

Ref.	Preço / Price	
T35		50



GUIA 35

Fix plate G35 with rotating olive

Ref.	Preço / Price	
G35		50



CARRO Nº40S GIRATÓRIO

Rotating trolley nr. 40S with two wheels

Ref.	Preço / Price	
40S 44		10
40S 54		10



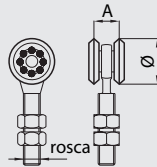
CARRO Nº40D GIRATÓRIO

Rotating trolley nr. 40D with four wheels

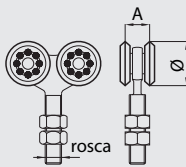
Ref.	Preço / Price	
40D 44		10
40D 54		6



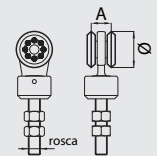
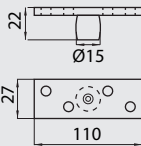
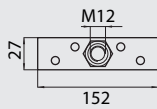
Capacidade de Carga para 2 Unidades
Capacity for 2 items



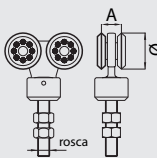
	A	ROSCA	Ø	⬇ (Kg)
35S 40	25	M12	40	200
35S 54	30	M20	54	400



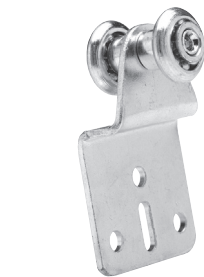
	A	ROSCA	Ø	⬇ (Kg)
35D 40	25	M12	40	600
35D 54	30	M20	54	750



	A	ROSCA	Ø	⬇ (Kg)
40S 44	22,5	M12	44	200
40S 54	30	M18	54	400



	A	ROSCA	Ø	⬇ (Kg)
40D 44	22,5	M12	44	600
40D 54	30	M18	54	750



CARRO N°20

Fix trolley nr. 20 with two wheels

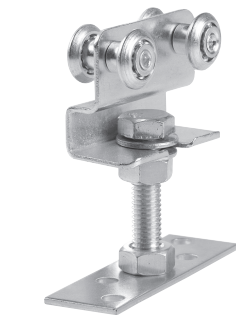
Ref.	Preço / Price	
20		50



CARRO N°20 C/ PATILHA DIREITA

Fix trolley nr. 20 with two wheels and fix plate

Ref.	Preço / Price	
20 Dtª		50



CARRO N°20D

Fix trolley nr. 20D with four wheels

Ref.	Preço / Price	
20D		50



CARRO N°21

Fix trolley nr. 21 with two wheels

Ref.	Preço / Price	
21		50



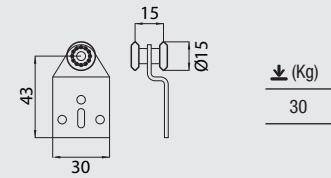
CALHA P/ CARRO N°20

Drilled rail in zinked steel for fix trolley nr. 20

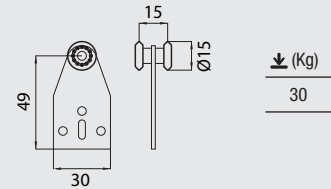
Ref.	Preço / Price	Medida / Size
F71		mts



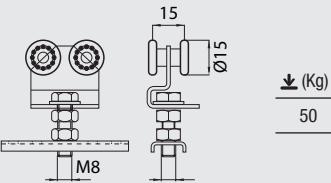
Capacidade de Carga para 2 Unidades
Capacity for 2 items



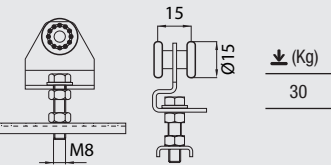
⬇ (Kg)
30



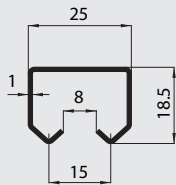
⬇ (Kg)
30



⬇ (Kg)
50



⬇ (Kg)
30



RENOVAÇÃO
RENEWAL



D

ACESSÓRIOS PORTÕES FOLHA

ACCESSORIES FOR CLAPPER GATES



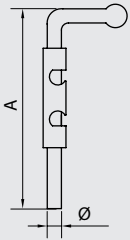
FECHO SERRALHEIRO (CHAPA 3,0mm)

Bolt to be welded 3,0mm plate)

		5/16		3/8		4/8	
Ref.	Medida / Size	Ferro / Steel	Zincado / Zinked	Ferro / Steel	Zincado / Zinked	Ferro / Steel	Zincado / Zinked
166	3"			-	-	-	-
	3'2"			-	-	-	-
	7/2p						
	3/4p						
	1p						
	1'2p	-	-				
	2p	-	-				
		24		12		12	

Ø mm	
5/16	8
3/8	10
4/8	12

		medida / size	5/16	3/8	4/8
A	3"	90	-	-	
	3'2"	95	-	-	
	7/2p	100	130	130	
	3/4p	160	160	160	
	1p	210	210	210	
	1'2p	-	310	310	
	2p	-	410	410	

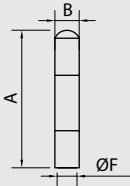


OLHAL TORNEADO 820

Turned hinge 820

Ref.	Medida / Size	Ferro / Steel	Zincado / Zinked	
820	50*11			25
	64*11			
	76*12			
	76*14			
	76*15			
	80*15			
	80*18			
	90*15			
	90*18			
	90*20			
	100*20			15
	120*20			
	125*25*11			
	125*25*14			
	150*25			12

Medida / Size	A	B	ØF
50*11	50	11	6
64*11	64	11	6
76*12		12	7
76*14	76	14	7
76*15		15	7
80*15	80	15	7
80*18		18	8
90*15		15	7
90*18	90	18	8
90*20		20	8
100*20	100	20	11
120*20	120	20	11
125*25*11	125	25	11
125*25*14		25	14
150*25	150	25	14

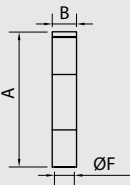


OLHAL TORNEADO 820 C/ FIEL INOX

Turned hinge 820 with pin in stainless steel

Ref.	Medida / Size	Fiel Inox	
820 Fiel Inox	50*11		50
	64*11		25
	76*14		
	80*15		
	80*18		
	90*18		
	100*20		
	120*20		15
	125*25		

Medida / Size	A	B	ØF
50*11	50	11	6
64*11	64	11	6
76*14	76	14	7
80*15	80	15	7
80*18	80	18	8
90*18	90	18	8
100*20	100	20	10
120*20	120	20	10
125*25	125	25	10



OLHAL TORNEADO 819

Turned hinge 819

Ref.	Medida / Size	Ferro / Steel	Zincado / Zinked	
819	50*11			50
	64*11			25
	76*14			
	80*15			
	80*18			
	90*18			
	100*20			
	120*20			
	125*25*11			15
	125*25*14			



OLHAL TORNEADO 819 C/ FIEL INOX

Turned hinge 819 with fix pin in stainless steel

Ref.	Medida / Size	Fiel Inox	
819 Fiel Inox	50*11		50
	64*11		25
	76*14		
	80*15		
	80*18		
	90*18		
	100*20		
	120*20		15
	125*25*11		

OLHAL TORNEADO 819B C/ FIEL DE TIRAR

Turned hinge 819B

Ref.	Medida / Size	Ferro / Steel	Zincado / Zinked	
819 B Fiel de Tirar	50*11			50
	64*11			25
	76*14			
	80*15			
	80*18			
	90*18			
	100*20			

OLHAL ENROLADO 822

Stamped hinge 822

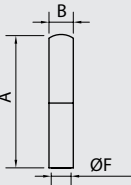
Ref.	Medida / Size	Ferro / Steel	
822	1/4"		50
	5/16"		
	3/8"		
	4/8"		
	5/8"		30



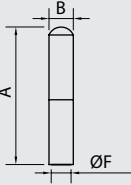
Medida / Size	A	B	ØF
50*11	50	11	6
64*11	64	11	6
76*14	76	14	7
80*15	80	15	7
80*18	80	18	8
90*18	90	18	8
100*20	100	20	11
120*20	120	20	11
125*25*11	125	25	11
125*25*14	125	25	14



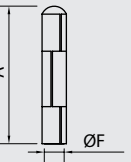
Medida / Size	A	B	ØF
50*11	50	11	6
64*11	64	11	6
76*14	76	14	7
80*15	80	15	7
80*18	80	18	8
90*18	90	18	8
100*20	100	20	10
120*20	120	20	10
125*25	125	25	10



Medida / Size	A	B	ØF
50*11	50	11	6
64*11	64	11	6
76*14	76	14	7
80*15	80	15	7
80*18	80	18	8
90*18	90	18	8
100*20	100	20	11



Medida / Size	A	ØF
1/4"	70	6
5/16"	81	8
3/8"	95	10
4/8"	108	12
5/8"	130	15



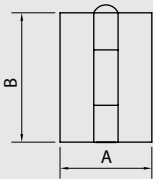


OLHAL C/ ABA (CHAPA 4,0mm)

Stamped hinge (4,0mm plate)

Ref.	Medida / Size	Ferro / Steel	Zincado / Zinked	
80	80			25
	100			
	120			

Medida / Size	A	B
80		80
100	60	100
120		120

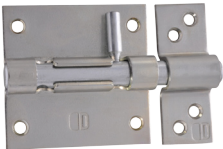
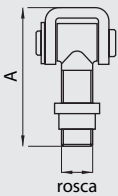


DOBRADIÇA EM AÇO P/ SOLDAR

Pintle to be welded

Ref.	Medida / Size	Ferro / Steel	
1100	18		12
	20		
	22		
	24		

Medida / Size	A	ROSCA	↕ (Kg)
18	75	M18	65
20	95	M20	75
22	85	M22	100
24	97	M24	110

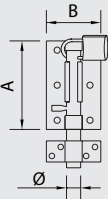


FECHO CADEADO

Bolt Lock

Ref.	Medida / Size	Zincado / Zinked	
467	70		12
	85		
	100		
	120		

Medida / Size	A	B	Ø
70	70	68	12
85	85	68	12
100	100	68	12
120	120	72	14

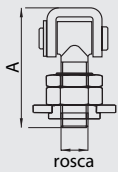


DOBRADIÇA EM AÇO P/ SOLDAR REGULÁVEL

Pintle to be welded, with horizontal adjustment

Ref.	Medida / Size	Ferro / Steel	
1101	18		12
	20		
	22		
	24		

Medida / Size	A	ROSCA	↕ (Kg)
18	75	M18	65
20	95	M20	75
22	85	M22	100
24	97	M24	110

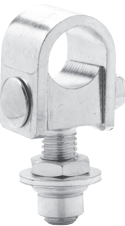
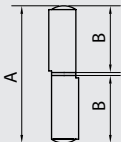


DOBRADIÇA EM PERFIL C/ANILHA EM LATÃO

Turned hinge with pix pin and brass washer

Ref.	Medida / Size	Ferro / Steel	
1100	40		60
	60		
	80		40
	100		
	120		20
	140		
	160		10
	180		
	200		

Medida / Size	A	B
40	40	18
60	60	28
80	80	38
100	100	48
120	120	58
140	140	68
160	160	78
180	180	87
200	200	100

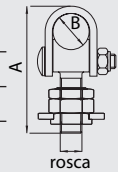


DOBRADIÇA EM AÇO P/ SOLDAR REGULÁVEL

Round clamp pintle to be welded, with horizontal adjustment

Ref.	Medida / Size	Ferro / Steel	
1102	18		12
	22		

Medida / Size	A	B	ROSCA	↕ (Kg)
18	103	30	M18	50
22	116	35	M22	80

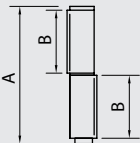


DOBRADIÇA ESTAMPADA C/ 2 ELOS

Stamped hinge with zinked washer

Ref.	Medida / Size	Ferro / Steel	
1200	60		40
	80		
	100		
	120		25
	140		
	170		15
	200		10

Medida / Size	A	B
60	60	27
80	80	37
100	100	46
120	120	55
140	140	65
170	170	80
200	200	95

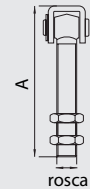


DOBRADIÇA EM AÇO C/ HASTE COMPRIDA

Pintle at long bar

Ref.	Medida / Size	Ferro / Steel	
1103	18		12
	22		6

Medida / Size	A	ROSCA	↕ (Kg)
18	175	M18	65
22	204	M22	100

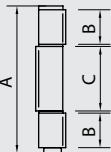


DOBRADIÇA ESTAMPADA C/ 3 ELOS

Stamped hinge with zinked washer

Ref.	Medida / Size	Ferro / Steel	
1300	80		40
	100		
	120		25
	140		
	170		15
	200		10

Medida / Size	A	B	C
80	80	17,5	35
100	100	21,5	43
120	120	27	55
140	140	32	65
170	170	39	81
200	200	46.5	95

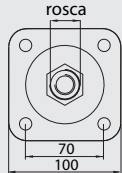


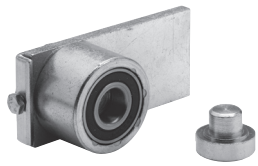
PLACA COM REGULAÇÃO HORIZONTAL

Plate with horizontal adjustment

Ref.	Medida / Size	Ferro / Steel	
PR	18		12
	20		
	22		
	24		

Medida / Size	ROSCA	↕ (Kg)
18	M18	65
20	M20	75
22	M22	100
24	M24	110





PIVOT SUPERIOR C/ ROLAMENTO
Plinte with horizontal adjustment with thrust bearing and cap

Ref.	Ø	Ferro / Steel	
120	40		10
	50		
	65		4



PIVOT INFERIOR C/ ROLAMENTO
Rotating plate with thrust taper rollers bearing

Ref.	Ø	Ferro / Steel	
125	40		10
	50		
	65		4



PIVOT E PLACA INFERIOR P/ PORTÃO
Lower pintle and base plate

Ref.	Medida / Size	Ferro / Steel	
130	18		12
	22		



PIVOT INFERIOR C/ ESFERA
Bottom plate with pin for pintles

Ref.	Ferro / Steel	
150		10



BATENTE P/ APARAFUSAR
Stop for wing gates (to be screwed)

Ref.	Ferro / Steel	
410		12



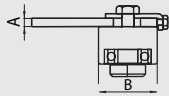
BATENTE P/ CHUMBAR
Stop for wing gates

Ref.	Ferro / Steel	
411		12

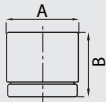


Capacidade de Carga para 2 Unidades
Capacity for 2 items

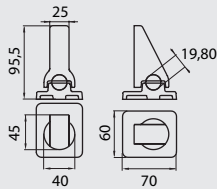
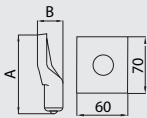
Medida / Size	A	B	↓ (Kg)
40	6	40	80
50	6	50	200
65	8	65	300



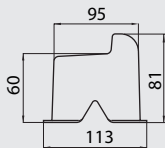
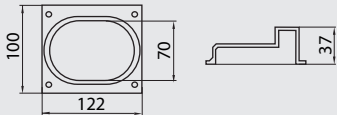
Medida / Size	A	B	↓ (Kg)
40	40	35	70
50	50	40	200
65	65	46	300



Medida / Size	A	B
18	86	28
22	100	32

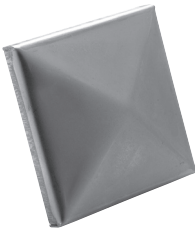


↓ (Kg)
80



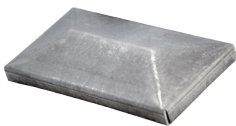
TOPO P/ PILAR REDONDO
Round cover pillar with edge

Ref.	Medida / Size	Ferro / Steel	Zincado / Zinked	
TR	30			250
	33			
	42			
	48			160
	60			110
	76			70
	90			50
	101			40
	114			36
				32



TOPO P/ PILAR QUADRADO
Square cover pillar with edge

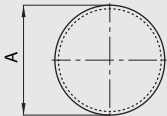
Ref.	Medida / Size	Ferro / Steel	Zincado / Zinked	
TQ	20			250
	30			
	40			
	50			180
	60			120
	80			80
	100			50
	120			40
	150			20
	175			
	200			



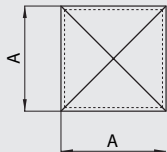
TOPO P/ PILAR RECTANGULAR
Rectangular cover pillar with edge

Ref.	Medida / Size	Ferro / Steel	Zincado / Zinked	
TRT	20*30			300
	20*40			
	30*50			
	30*60			200
	40*60			
	40*80			100
	50*100			60

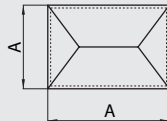
Medida / Size	A	B
30	34	21
33	37	21
42	46	21
48	52	28
60	64	30
76	80	32
90	94	32
101	105	32
114	118	32



Medida / Size	A	B
20	24	11
30	34	12
40	44	14
50	54	16
60	64	19
80	84	21
100	104	25
120	124	28
150	154	34
175	179	36
200	204	38



Medida / Size	A	B	C
20*30	24	34	12
20*40	24	44	12
30*50	34	54	14
30*60	34	64	14
40*60	44	64	16
40*80	44	84	16
50*100	54	104	20





TOPO P/ PILAR REDONDO EM PLÁSTICO

Plastic rounded cover pillar

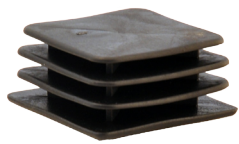
Ref.	Medida / Size	Plástico / Plastic	
TR/P	10		500
	15		
	20		
	25		
	30		
	35		100
	40		
	45		
	50		50
	60		
	80		
	100		



TOPO P/ PILAR QUADRADO EM PLÁSTICO

Plastic square cover pillar

Ref.	Medida / Size	Plástico / Plastic	
TQ/P	12		200
	15		
	16		
	20		
	25		
	30		100
	35		
	40		
	50		50
	60		
	80		
	100		25

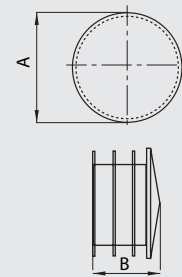


TOPO P/ PILAR RECTANGULAR EM PLÁSTICO

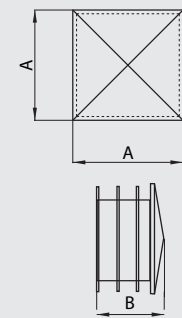
Plastic rectangular cover pillar

Ref.	Medida / Size	Plástico / Plastic	
TRT/P	15*30		200
	20*30		
	20*40		
	25*40		100
	30*40		
	30*50		
	30*60		50
	30*100		

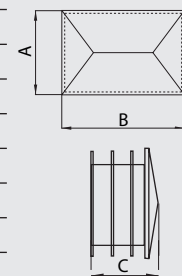
Medida / Size	A	B
10	12	10
15	15	11
20	20	17
25	25	17
30	30	20
35	35	22
40	40	22
45	45	22
50	50	22
60	60	22
80	80	23
100	100	35



Medida / Size	A	B
12	12	12
15	15	14
16	16	10
20	20	15
25	25	20
30	30	20
35	35	19
40	40	20
50	50	25
60	60	25
80	80	30
100	100	30



Medida / Size	A	B	C
15*30	15	30	13,5
20*30	20	30	14
20*40	20	40	15
25*40	25	40	16
30*40	30	40	18
30*50	30	50	18
30*60	30	60	22
30*100	30	100	19



DESENVOLVIMENTO
DEVELOPMENT



FECHADURAS

LOCKS

FECHADURAS ELÉTRICAS

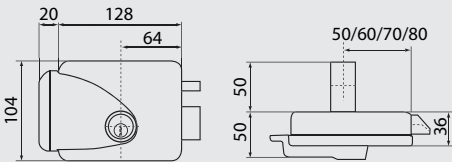
Electric Locks



FECHADURA S/ BOTÃO CHAVE-CHAVE (12V)

Electric lock (12V)

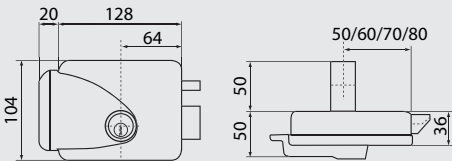
Ref.	Preço / Price	
2170 D		6
2170 E		



FECHADURA S/ BOTÃO CHAVE-CHAVE TRINCO CONTRÁRIO (12V)

Electric lock, outside opening (12V)

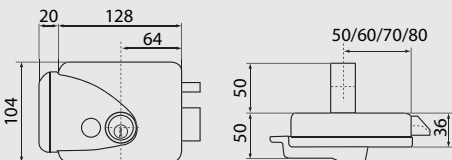
Ref.	Preço / Price	
2170/3 D		6
2170/3 E		



FECHADURA CHAVE-CHAVE-BOTÃO (12V)

Electric lock with push button (12V)

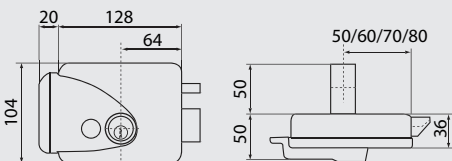
Ref.	Preço / Price	
2770 D		6
2770 E		



FECHADURA CHAVE-CHAVE-BOTÃO TRINCO CONTRÁRIO (12V)

Electric lock with push button, outside opening (12V)

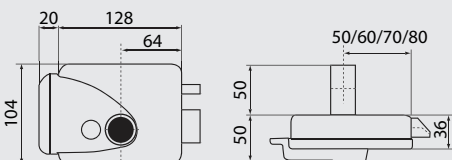
Ref.	Preço / Price	
2770/3 D		6
2770/3 E		



FECHADURA CHAVE-BOTÃO (12V)

Electric lock with push button (12V)

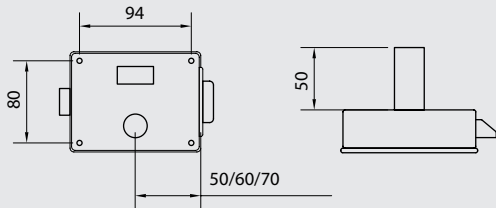
Ref.	Preço / Price	
2772 D		6
2772 E		



FECHADURA REVERSÍVEL C/ BOTÃO (12V)

Reversible electric lock with push button (12V)

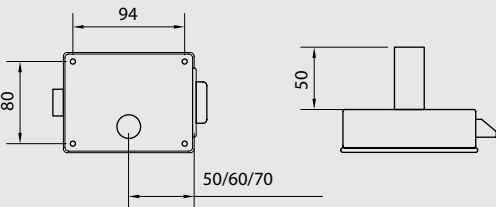
Ref.	Preço / Price	
2773		6



FECHADURA REVERSÍVEL S/ BOTÃO (12V)

Reversible electric lock (12V)

Ref.	Preço / Price	
2774		6



BOBINE (12V)

Reel (12V)

Ref.	Medida / Size	Preço / Price	
BF	2170		6
	2770		
	2772		



BOBINE P/ FECHADURA REVERSÍVEL (12V)

Reversible reel (12V)

Ref.	Medida / Size	Preço / Price	
BFR	2773		6
	2774		



CILINDROS ELÉTRICOS

Electric Cylinders



CILINDRO EURO-LINE

European profile cylinder

Ref.	Medida / Size	Latão / Brass	Niquelado / Nickel	
CL	30-30			10
	30-40			



CILINDRO DE SEGURANÇA

Security profile cylinder

Ref.	Medida / Size	Latão / Brass	Niquelado / Nickel	
CL/S	30-30			10
	30-40			



FECHADURA 102/85

Mortice lock 102/85 with open body, handle square 8

Ref.	Medida / Size	Niquelado / Nickel	Inox		OBS
102/85	20			10	sem cilindro - without cylinder
	25				
	30				
	35				



FECHADURA C/ ROLO 106

Mortice lock 106 with open body, adjustable roller

Ref.	Medida / Size	Niquelado / Nickel	Inox		OBS
106	20			10	sem cilindro - without cylinder
	25				
	30				
	35				



FECHADURA DE PRUMO 118

Mortice lock 118, closed body, handle square 8, reversible latch

Ref.	Medida / Size	Niquelado / Nickel	Inox		OBS
118	20			10	sem cilindro - without cylinder
	25				
	30				



FECHADURA 727

Mortice lock 727, two throws, reversible

Ref.	Medida / Size	Niquelado / Nickel		OBS
727	60		10	sem cilindro without cylinder
	70			



FECHADURA DE 3 PONTOS 1118

Mortice lock 1118, open body, handle square 8, reversible latch

Ref.	Medida / Size	Inox		OBS
1118	25		1	sem cilindro without cylinder
	30			
	35			
1118 U	25		1	
	30			
	35			

ORGANIZAÇÃO

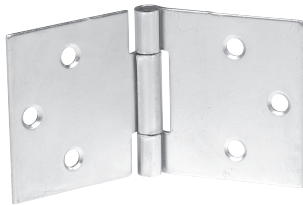
ORGANIZATION



D

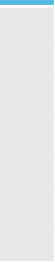
FERRAGENS DIVERSAS

SUNDRY ACCESSORIES

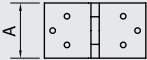


DOBRADIÇA Nº 816

Hinge nr. 816

Ref.	Medida / Size	Ferro / Steel	Zincado / Zinked	
816	1"			
	1 1/4"			
	1 1/2"			
	1 3/4"			
	2"			
	2 1/2"			
	3"			

A (mm)	
1"	25,4
1 1/4"	31,75
1 1/2"	38,1
1 3/4"	44,45
2"	50,8
2 1/2"	63,5
3"	76,2

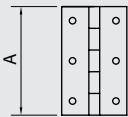


DOBRADIÇA Nº 5001

Hinge nr. 5001

Ref.	Medida / Size	Ferro / Steel	Zincado / Zinked	
5001	3/4"			
	1"			
	1 1/4"			
	1 1/2"			
	1 3/4"			
	2"			
	2 1/2"			
	3"			

A (mm)	
3/4"	19,05
1"	25,4
1 1/4"	31,75
1 1/2"	38,1
1 3/4"	44,45
2"	50,8
2 1/2"	63,5
3"	76,2

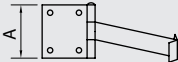


CHUMBADOURO Nº 57

Hinge nr. 57 to be fixed

Ref.	Medida / Size	Preço / Preço	
57	1 1/2"		
	1 3/4"		
	2"		
	2 1/4"		
	2 1/2"		
	2 3/4"		
	3"		
	3 1/2"		
	4"		

A (mm)	
1 1/2"	38,1
1 3/4"	44,45
2"	50,8
2 1/4"	57,15
2 1/2"	63,5
2 3/4"	69,85
3"	76,2
3 1/2"	88,9
4"	101,6

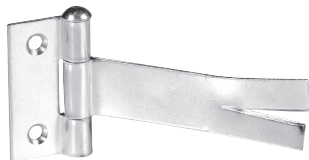
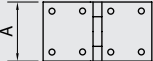


DOBRADIÇA Nº 40 PINTADA

Painted hinge nr. 40

Ref.	Medida / Size	Preço / Preço	
40	1 1/2"		
	1 3/4"		
	2"		
	2 1/4"		
	2 1/2"		
	2 3/4"		
	3"		
	3 1/4"		
	3 1/2"		

A (mm)	
1 1/2"	38,1
1 3/4"	44,45
2"	50,8
2 1/4"	57,15
2 1/2"	63,5
2 3/4"	69,85
3"	76,2
3 1/4"	82,55
3 1/2"	88,9
4"	101,6

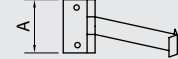


CHUMBADOURO Nº 59

Hinge nr. 59 to be fixed

Ref.	Medida / Size	Preço / Preço	
59	2"		
	2 1/4"		
	2 1/2"		
	2 3/4"		
	3"		
	3 1/2"		

A (mm)	
2"	50,8
2 1/4"	57,15
2 1/2"	63,5
2 3/4"	69,85
3"	76,2
3 1/2"	88,9

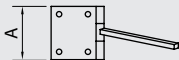


DOBRADIÇA PARA CHUMBAR PÉ QUADRADO

Hinge nr. 50 to be fixed

Ref.	Medida / Size	Preço / Preço	
50	1 1/2"		
	1 3/4"		
	2"		
	2 1/4"		
	2 1/2"		
	2 3/4"		
	3"		
	3 1/4"		
	3 1/2"		

A (mm)	
1 1/2"	38,1
1 3/4"	44,45
2"	50,8
2 1/4"	57,15
2 1/2"	63,5
2 3/4"	69,85
3"	76,2
3 1/4"	82,55
3 1/2"	88,9
4"	101,6

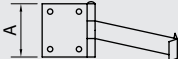


CHUMBADOURO Nº 61 (Fiel de Tirar)

Hinge nr. 61 to be fixed

Ref.	Medida / Size	Preço / Preço	
61	1 3/4"		
	2"		
	2 1/4"		
	2 1/2"		
	2 3/4"		
	3"		
	3 1/2"		

A (mm)	
1 3/4"	44,45
2"	50,8
2 1/4"	57,15
2 1/2"	63,5
2 3/4"	69,85
3"	76,2
3 1/2"	88,9





CANTO Nº 38

Holder nr. 38

Ref.	Medida / Size	Ferro / Steel	Zincado / Zinked	
38	1 1/2"			100
	2"			
	2 1/2"			
	3"			



GRAMPO BORDÃO

Rod clamp nr. 167 to be screwed

Ref.	Medida / Size	Preço / Preço	
167	5/16		12
	3/8		
	4/8		



FECHO BORDÃO - 167

Bolt nr. 167 to be screwed

Ref.	Medida / Size	5/16	3/8	4/8	
167	1/2 p				12
	3/4p				
	1p				
	1 1/2p	-			
	2p	-			
	ø (mm)	8	9,5	12	



FECHO BAIONETA Nº1

Bolt nr. 1 to be screwed

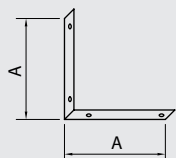
Ref.	Medida / Size	Preço / Preço	
Nº1	25		12
	30		
	35		
	40		

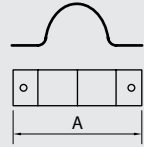


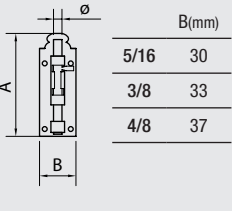
FECHO BAIONETA Nº2

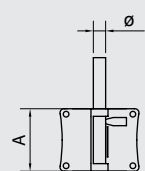
Bolt nr. 2 to be screwed

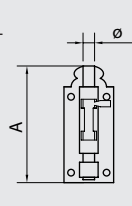
Ref.	Medida / Size	Preço / Preço	
Nº2	2"		12
	2 1/2"		
	3"		
	3 1/2"		
	4"		

A (mm)		
1 1/2"	38,1	
2"	50,8	
2 1/2"	63,5	
3"	76,2	

A (mm)		
5/16	31	
3/8	33	
4/8	37	

A (mm)		B(mm)		
1/2 p	113	5/16	30	
3/4p	117	3/8	33	
1p	222	4/8	37	
1 1/2p	312			
2p	410			

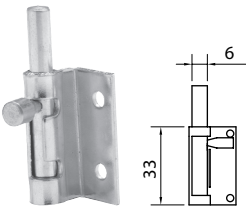
A (mm)	ø (mm)	
25	6,5	
30		
35		
40		

A (mm)		ø (mm)	
2"	50,8	6,5	
2 1/2"	63,5		
3"	76,2		
3 1/2"	88,9		
4"	101,6		

FECHO DE ESTORE C/1 ABA

Bolt for blind windows (using 2 screws)

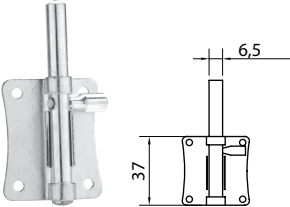
Ref.	Preço / Preço	
1 Aba		12



FECHO DE ESTORE C/2 ABAS

Bolt for blind windows (using 4 screws)

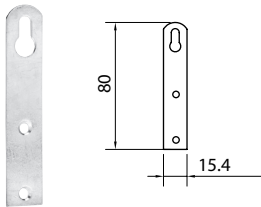
Ref.	Preço / Price	
2 Abas		12



CHAPA CABIDE Nº371

Plate for hanger nr. 371

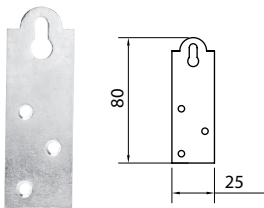
Ref.	Ferro / Steel	Zincado / Zinked	
371			100



CHAPA CABIDE Nº373

Plate for hanger nr. 373

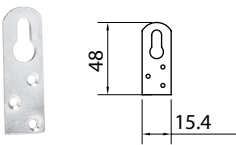
Ref.	Ferro / Steel	Zincado / Zinked	
373			100



CHAPA CABIDE Nº372

Plate for hanger nr. 372

Ref.	Ferro / Steel	Zincado / Zinked	
372			100



ROLDANA 117

Sheave 117

Ref.	Preço / Price	
117		50



ROLDANA 119

Sheave 119

Ref.	Preço / Price	
119		50



ROLDANA 118

Sheave 118

Ref.	Preço / Price	
118		50



ROLDANA 120

Sheave 120

Ref.	Preço / Price	
120		50

DESEJO
ATITUDE
RENOVAÇÃO
DESENVOLVIMENTO
ORGANIZAÇÃO

—
DESIRE
ATTITUDE
RENEWAL
DEVELOPMENT
ORGANIZATION



LINHA INOX

STAINLESS STEEL ACCESSORIES



RODA C/ 1 ROLAMENTO - GOLA V

Wheel with 1 bearing - Grove V

Ref.	ø (mm)	Preço / Price	
101i inox	60		25
	80		20
	100		12



RODA C/ 1 ROLAMENTO - GOLA U

Wheel with 1 bearing - Grove U

Ref.	ø (mm)	Preço / Price	
102i inox	60		25
	80		20
	100		12



RODA C/ SUPORTE SOLDAR
1 ROLAMENTO - GOLA V

Wheel with 1 bearing, welding support - Grove V

Ref.	ø (mm)	Preço / Price	
301i inox	60		12
	80		10
	100		10



RODA C/ SUPORTE SOLDAR
1 ROLAMENTO - GOLA U

Wheel with 1 bearing, welding support - Grove U

Ref.	ø (mm)	Preço / Price	
302i inox	60		12
	80		10
	100		10

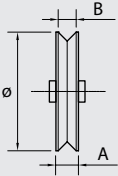


RODA C/ SUPORTE 2 FUROS
1 ROLAMENTO - GOLA V

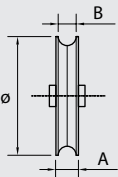
Wheel with 1 bearing, 2 holes support - Grove V

Ref.	ø (mm)	Preço / Price	
401i inox	60		12
	80		10
	100		10

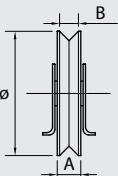
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	200
80	20	16	300
100	20	16	300



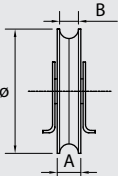
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	200
80	20	16	300
100	20	16	300



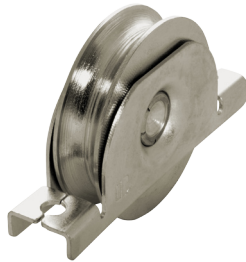
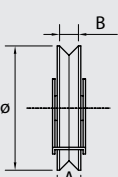
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	200
80	20	16	300
100	20	16	300



ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	200
80	20	16	300
100	20	16	300



ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	200
80	20	16	300
100	20	16	300



RODA C/ SUPORTE 2 FUROS
1 ROLAMENTO - GOLA U

Wheel with 1 bearing, 2 holes support - Grove U

Ref.	ø (mm)	Preço / Price	
402i inox	60		12
	80		10
	100		10



RODA C/ SUPORTE SOLDAR
1 ROLAMENTO EM NYLON - GOLA V

Wheel in nylon with 1 bearing, welding support - Grove V

Ref.	ø (mm)	Preço / Price	
N311i inox	60		12
	80		10
	100		10



RODA C/ SUPORTE SOLDAR
1 ROLAMENTO EM NYLON - GOLA U

Wheel in nylon with 1 bearing, welding support - Grove U

Ref.	ø (mm)	Preço / Price	
N312i inox	60		12
	80		10
	100		10



RODA C/ SUPORTE 2 FUROS
1 ROLAMENTO - GOLA V

Wheel in nylon with 1 bearing, 2 holes support - Grove V

Ref.	ø (mm)	Preço / Price	
N411i inox	60		12
	80		10
	100		10



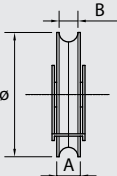
RODA C/ SUPORTE 2 FUROS
1 ROLAMENTO - GOLA U

Wheel in nylon with 1 bearing, 2 holes support - Grove U

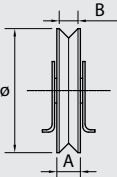
Ref.	ø (mm)	Preço / Price	
N412i inox	60		12
	80		10
	100		10



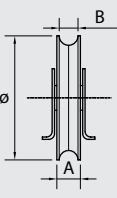
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	200
80	20	16	300
100	20	16	300



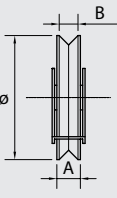
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	80
80	20	16	130
100	20	16	130



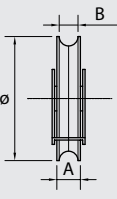
ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	80
80	20	16	130
100	20	16	130



ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	80
80	20	16	130
100	20	16	130



ø (mm)	A (mm)	B (mm)	⬇ (Kg)
60	16	12	80
80	20	16	130
100	20	16	130





ROLETO EM NYLON

Nylon cylindrical roller

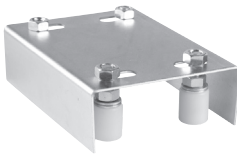
Ref.	ø (mm)	Preço / Price	
NLi inox	25		50
	28		
	30		
	40		20



PLACA GUIA C/ 2 ROLETOS

Top plate guide with 2 cylindrical rollers

Ref.	ø (mm)	Preço / Price	
PG2i inox	30		12
	40		



PLACA GUIA C/ 4 ROLETOS

Top plate guide with 4 cylindrical rollers

Ref.	ø (mm)	Preço / Price	
PG4i inox	30		12
	40		

ACESSÓRIOS PORTÕES FOLHA

Accessories for clapper gates



FECHO SERRALHEIRO

Bolt to be welded

Ref.	Medida / Size	5/16	3/8	4/8
166i inox	3"		-	-
	3´/2"		-	-
	´/2p			
	3/4p			
	1p			
	1´/2p	-		
	2p	-		
		24	12	12



OLHAL TORNEADO 820

Turned hinge 820

Ref.	Medida / Size	Preço / Price	
820i inox	50*11		50
	64*11		25
	76*14		
	80*15		
	80*18		
	90*18		
	100*20		
	120*20		
	125*25*11		15

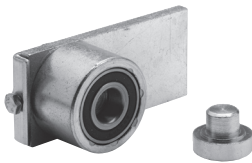
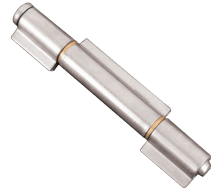
ø (mm)	A (mm)	Rosca
25	28	M12
28	34	M14
30	34	M14
40	40	M14

ø (mm)	A (mm)
30	30-75
28	20-70

ø (mm)	A (mm)
30	30-75
28	20-60

medida / size	5/16	3/8	4/8
A	3"	90	-
	3´/2"	95	-
	´/2p	100	130
	3/4p	160	160
	1p	210	210
	1´/2p	-	310
	2p	-	410
	Ø (mm)	8	10

Medida / Size	A	B	ØF
50*11	50	11	6
64*11	64	11	6
76*14	76	14	7
80*15	80	15	7
80*18	80	18	8
90*18	90	18	8
100*20	100	20	10
120*20	120	20	10
125*25*11	125	25	10



OLHAL TORNEADO 819

Turned hinge 819

Ref.	Medida / Size	Preço / Price	
819i inox	50*11		50
	64*11		25
	76*14		
	80*15		
	80*18		
	90*18		
	100*20		
	120*20		
	125*25*11		15

DOBRADIÇA ESTAMPADA C/ 2 ELOS

Stamped hinge with zinked washer

Ref.	Medida / Size	Preço / Price	
1200i inox	80		48
	100		40
	120		24
	140		25

DOBRADIÇA ESTAMPADA C/ 3 ELOS

Stamped hinge with zinked washer

Ref.	Medida / Size	Preço / Price	
1300i inox	100		40
	140		25

PIVOT SUPERIOR C/ ROLAMENTO

Plinte with horizontal adjustment with thrust bearing and cap

Ref.	ø	Preço / Price	
120i inox	50		10

PIVOT INFERIOR C/ ROLAMENTO

Rotating plate with thrust taper rollers bearing

Ref.	ø	Preço / Price	
125i inox	50		10

Medida / Size	A	B	ØF
50*11	50	11	6
64*11	64	11	6
76*14	76	14	7
80*15	80	15	7
80*18	80	18	8
90*18	90	18	8
100*20	100	20	10
120*20	120	20	10
125*25*11	125	25	10

Medida / Size	A	B
80	80	37
100	100	46
120	120	55
140	140	65

Medida / Size	A	B	C
100	100	21,5	43
140	140	32	65

Medida / Size	A	B	⬇ (Kg)
50	6	50	200

Medida / Size	A	B	⬇ (Kg)
50	50	40	200

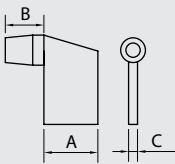


BATENTE P/ CHUMBAR

Stop in stainless steel

Ref.	Preço / Price	
420i inox		20

REF.	A (mm)	B (mm)	C (mm)
420	50	27	6



FERRAGENS DIVERSAS

Sundry accessories



FECHO BORDÃO

Bolt nr. 167 to be screwed

Ref.	Medida / Size	5/16	3/8	4/8	
167i inox	7/2 p				12
	3/4p				
	1p				
	1 1/2p	-			
	2p	-			
	ø (mm)	8	9,5	12	

A (mm)			B (mm)	
7/2 p	113		5/16	30
3/4p	117		3/8	33
1p	222		4/8	37
1 1/2p	312			
2p	410			



GRAMPO BORDÃO

Rod clamp nr. 167 to be screwed

Ref.	Medida / Size	Preço / Preço	
167i inox	5/16		12
	3/8		
	4/8		

A (mm)		
5/16	31	
3/8	33	
4/8	37	



ROLDANA 121

Sheave 121

Ref.	Preço / Price	
121 inox		50



BATENTE PORTA

Door Stop

Ref.	Medida / Size	Preço / Preço	
B400 inox	20		100



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GPS

N 40 36" 16'

W 8 27" 45'

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Mourisca do Vouga

3754 - 907 Trofa AGD

PORTUGAL

