

SISTEMAS
NORMAF

Carros Portacables

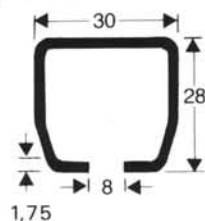
ELYTRA



1 PERFIL

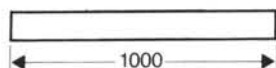
P100

Chapa galvanizada



Longitud: 3 mts.

100 Kg.

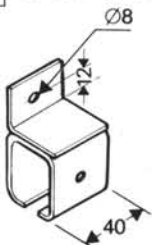


1,050 Kg/m

2 SOPORTE

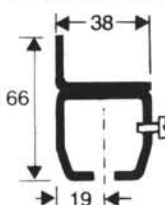
Chapa galvanizada

Cada 1,5-2 m.

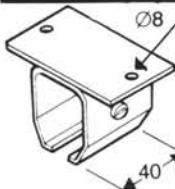


CODIGO: 101

0,150 Kg.

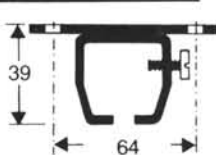


Cada 1,5-2 m.



CODIGO: 102

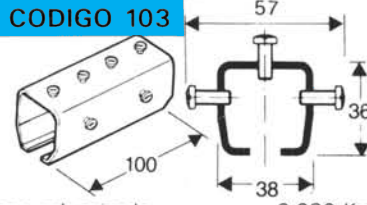
0,180 Kg.



4 EMPALME

CODIGO 103

Chapa galvanizada

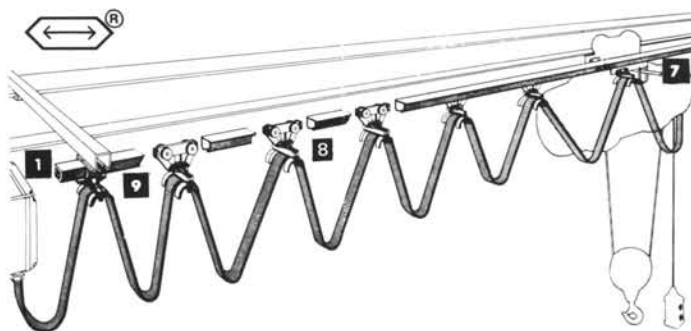
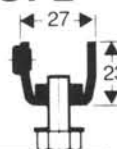


0,280 Kg.

5 TOPE

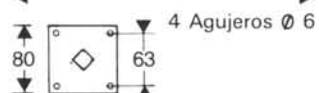
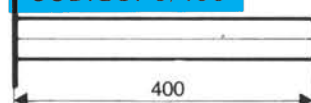
CODIGO: 104

Chapa galvanizada



6 BRAZO DE ARRASTRE

CODIGO: 6/400



Chapa galvanizada

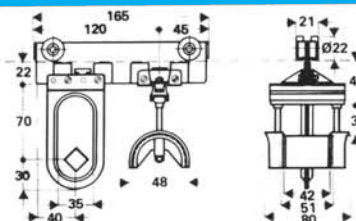
CARROS PORTACABLES PARA CABLES

∅	Chapa	Altura	Longitud	∅
6 ²	51 x 30	10	60	22

7 CARRO DE ARRASTRE

CODIGO: 165-4260/60

cuerpo de acero



bandeja de plástico Peso: 0,495 kg.

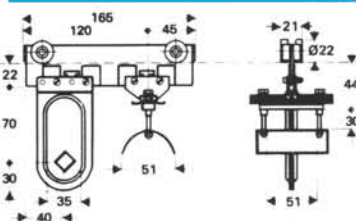


∅	Chapa	Altura	Longitud	∅
10 ²	51 x 30	10	60	22

7 CARRO DE ARRASTRE

CODIGO: 165-4261/60

cuerpo de acero



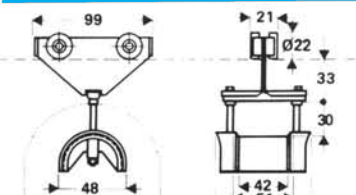
bandeja de acero galvanizado Peso: 0,560 kg.



8 CARRO PORTACABLES

CODIGO: 199-4260

cuerpo de acero



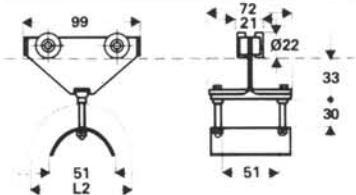
bandeja de plástico Peso: 0,245 kg.



8 CARRO PORTACABLES

CODIGO: 199-4261/60

cuerpo de acero



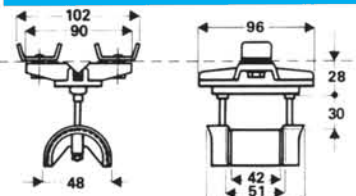
bandeja de acero galvanizado Peso: 0,335 kg.



9 SOPORTE FIJO

CODIGO: 137-4266/60

cuerpo de polipropileno



bandeja de plástico

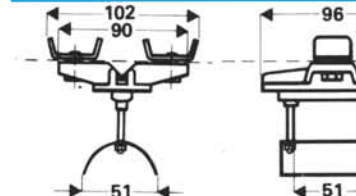
Peso: 0,190 kg.



9 SOPORTE FIJO

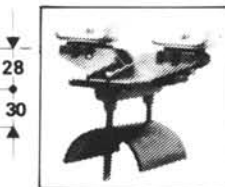
CODIGO: 137-4261/60

cuerpo de polipropileno



bandeja de acero galvanizado

Peso: 0,285 kg.

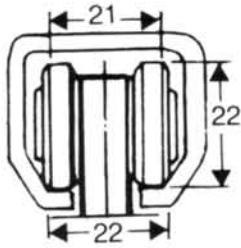


RUEDAS

Anticorrosión

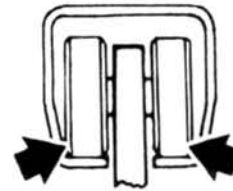
Código 226

Gálibo



rueda de nylon con casquillo de latón

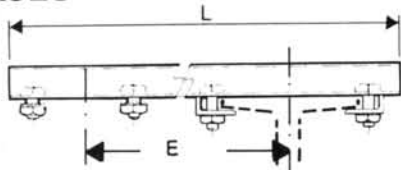
Velocidad: 30 m/min*
Peso: 4 g.



Autocentraje

* Carga reducida al 50%

13 HERRAJES

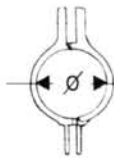
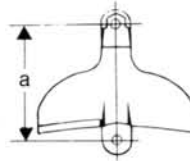


L = E + 150

L = 400 CODIGO: 6400/100
L = 500 CODIGO: 6500/100
L = 600 CODIGO: 6600/100

ABRAZADERAS

Polietileno BP



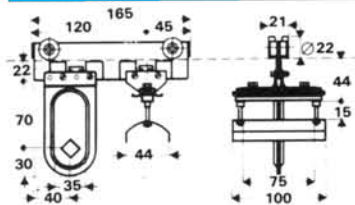
Ø	a	CODIGO
6-8	33	15 06 08
10-14,5	33	15 10 14
15-19,5	38	15 15 19
20-24,5	43	18 20 24
25-29,5	51	18 25 29
30-34,5	56	18 30 34
35-39,5	62	18 35 39

PLANOS

∅	■	▲	⊙	∅
2,5 ²	75x15	10	60	22

7 CARRO DE ARRASTRE

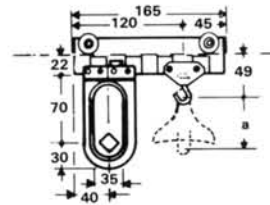
CODIGO: 165-7544/60 cuerpo de acero



bandeja de acero galvanizado Peso: 0,650 kg.

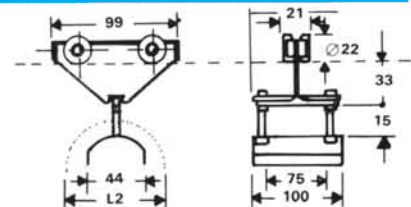
7 CARRO DE ARRASTRE

CODIGO: 165/135 cuerpo de acero



8 CARRO PORTACABLES

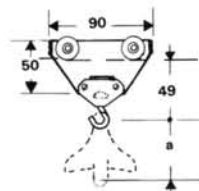
CODIGO: 199-7544/60 cuerpo de acero



bandeja de acero galvanizado Peso: 0,230 kg.

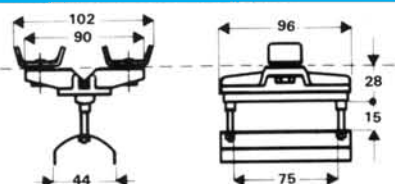
8 CARRO PORTACABLES

CODIGO: 0191/135 cuerpo de acero



9 SOPORTE FIJO

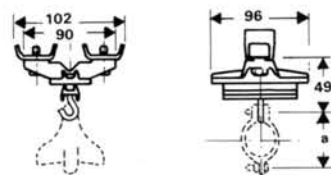
CODIGO: 137-7544/60 cuerpo de polipropileno



bandeja de acero galvanizado Peso: 0,270 kg.

9 SOPORTE FIJO

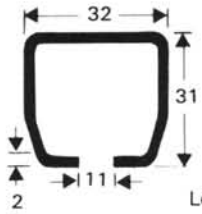
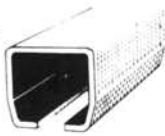
CODIGO: 139/135 cuerpo de polipropileno



1 PERFIL

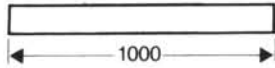
P200

Chapa galvanizada



Longitud: 3 mts.

200 Kg.



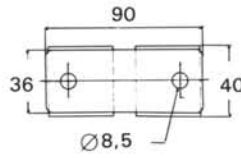
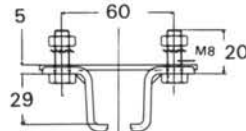
1,500 Kg/m

SOPORTE

2 CODIGO: 201

3 CODIGO: 202

Acero galvanizado



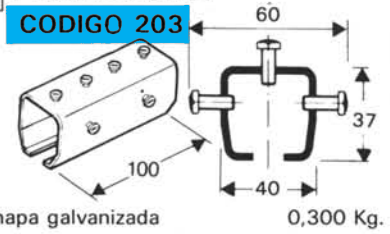
Peso 0,180 Kg.
Cada 1,5-2 m.

4 EMPALME

CODIGO 203

Chapa galvanizada

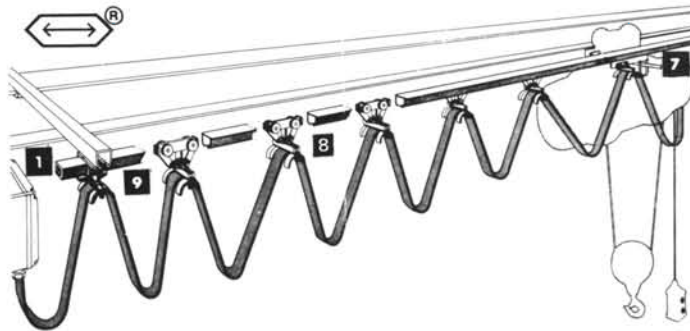
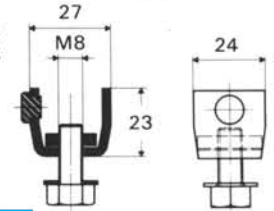
0,300 Kg.



5 TOPE

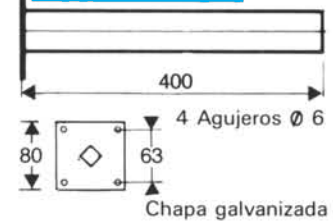
CODIGO: 204

Chapa galvanizada



6 BRAZO DE ARRASTRE

CODIGO: 6/400



Chapa galvanizada

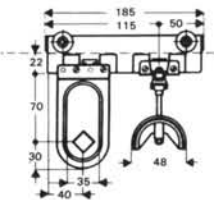
CARROS PORTACABLES PARA CABLES PLANOS

▧	▩	▴	⊙	⊘
6 ²	51 × 30	20	70	25

7 CARRO DE ARRASTRE

CODIGO: 2165-4260/60

cuerpo de acero



bandeja de plástico

Peso: 0,550 kg.

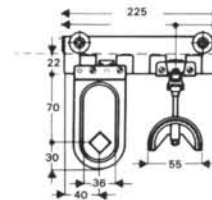


▧	▩	▴	⊙	⊘
16 ²	75 × 50	20	70	25

7 CARRO DE ARRASTRE

CODIGO: 2225-65100/80

cuerpo de acero



bandeja de plástico

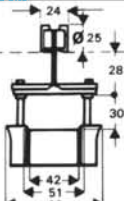
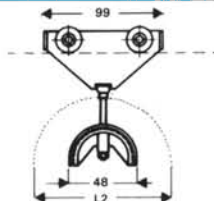
Peso: kg.



8 CARRO PORTACABLES

CODIGO: 299-4260

cuerpo de acero



bandeja de plástico

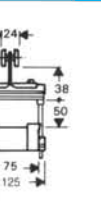
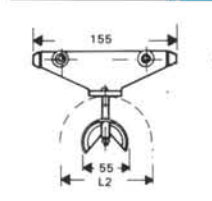
Peso: 0,260 kg.



8 CARRO PORTACABLES

CODIGO: 2155-65100

cuerpo de acero



bandeja de plástico

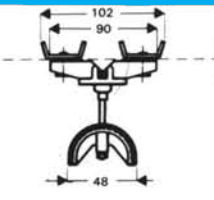
Peso: kg.



9 SOPORTE FIJO

CODIGO: 237-4266/60

cuerpo de polipropileno



bandeja de plástico

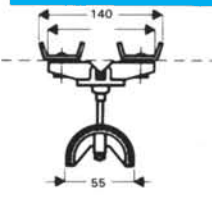
Peso: 0,190 kg.



9 SOPORTE FIJO

CODIGO: 237-65100/80

cuerpo de polipropileno

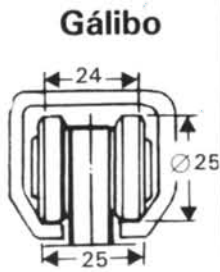


bandeja de plástico

Peso: kg.



RUEDAS



Standard



acero templado galvanizado, rodamiento a bolas

Velocidad: 70 m/min.

Código 250

Gran velocidad Anticorrosión



rodamiento en acero sin deflectores

Velocidad: 140 m/min.

Código 253



rueda de nylon con casquillo de latón

Velocidad: 30 m/min*
Peso: 4 g.

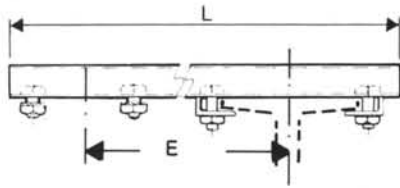
Código 256

Autocentrado



* Carga reducida al 50%

13 HERRAJES

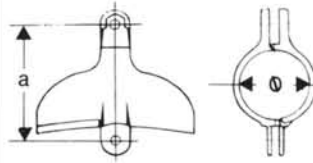


L = 400 CODIGO: 6400/200
L = 500 CODIGO: 6500/200
L = 600 CODIGO: 6600/200

L = E + 150

ABRAZADERAS

Polietileno BP



Ø	a	CODIGO
6-8	33	15.06.08
10-14.5	33	15.1014
15-19.5	38	15.1519
20-24.5	43	18.2024
25-29.5	51	18.2529
30-34.5	56	18.3034
35-39.5	62	18.3539

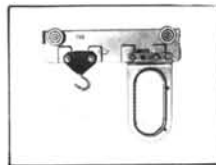
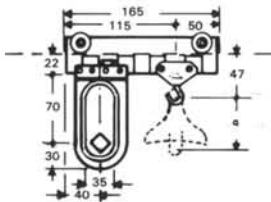
PARA REDONDOS

∅	⊗	▲	⊙	∅
6 ²	∅ 6-39	20	70	25

7 CARRO DE ARRASTRE

CODIGO: 2165/135

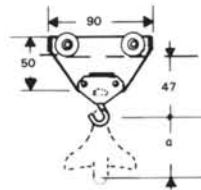
cuerpo de acero



8 CARRO PORTACABLES

CODIGO: 291/135

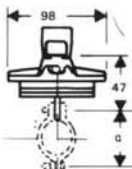
cuerpo de acero



9 SOPORTE FIJO

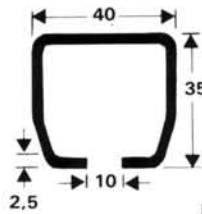
CODIGO: 239/135

cuerpo de poliprop.



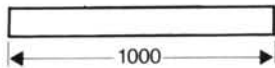
1 PERFIL P300

Chapa galvanizada



Longitud: 3 mts.

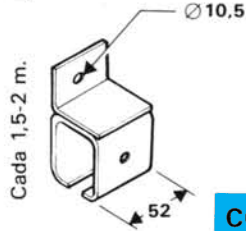
300 Kg.



2,300 Kg/m

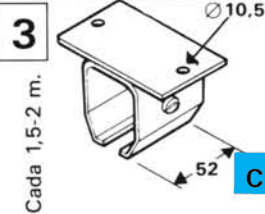
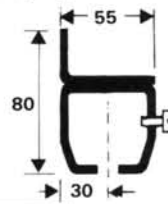
2 SOPORTE

Chapa galvanizada



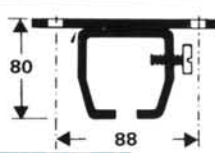
CODIGO: 301

0,225 Kg.



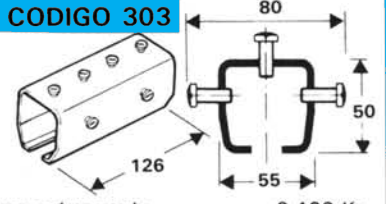
CODIGO: 302

0,285 Kg.



4 EMPALME CODIGO 303

Chapa galvanizada

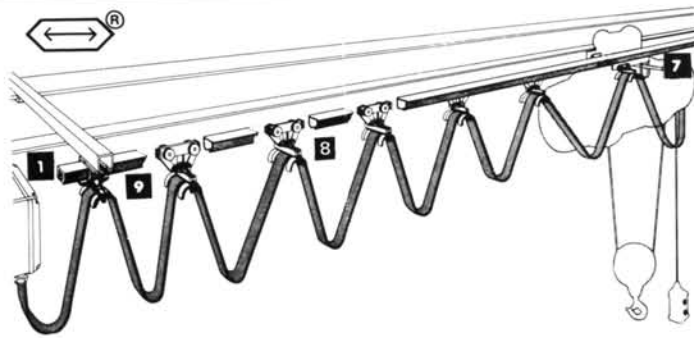
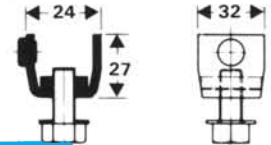


0,420 Kg.

5 TOPE

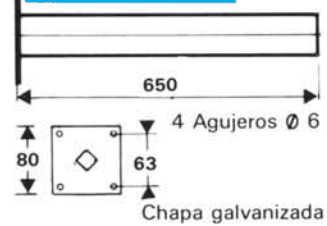
CODIGO: 304

Chapa galvanizada



6 BRAZO DE ARRASTRE CODIGO: 6/650

Chapa galvanizada



CARROS PORTACABLES PARA CABLES

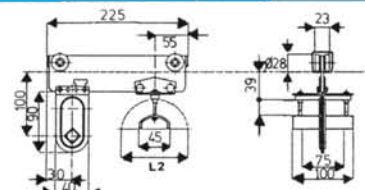
∅	W	H	L	Ø
2,5 ²	75 x 27	30	80	28

∅	W	H	L	Ø
25	100 x 50	30	80	28

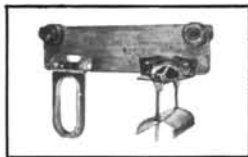
7 CARRO DE ARRASTRE

CODIGO: 3225-7544/80

cuerpo de acero



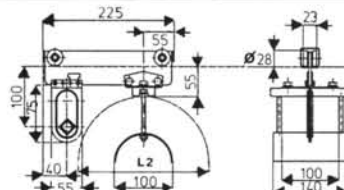
bandeja de acero galvanizado
Peso: 1,065 kg.



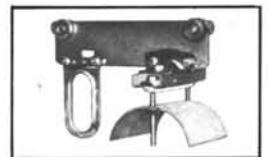
7 CARRO DE ARRASTRE

CODIGO: 3225:100100

cuerpo de acero



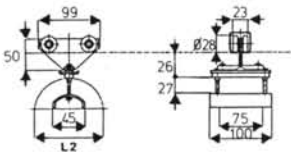
bandeja de acero galvanizado
Peso: 1,500 kg.



8 CARRO PORTACABLES

CODIGO: 399-7544/80

cuerpo de acero



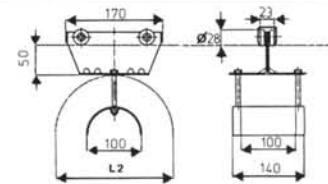
bandeja de acero galvanizado
Peso: 0,460 kg.



8 CARRO PORTACABLES

CODIGO: 3170-100100

cuerpo de acero



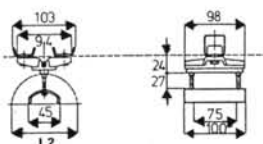
bandeja de acero galvanizado
Peso: 1,500 kg.



9 SOPORTE FIJO

CODIGO: 337-7544/80

cuerpo de polipropileno



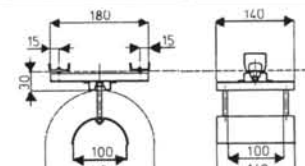
bandeja de acero galvanizado
Peso: 0,265 kg.



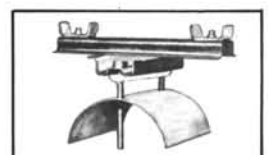
9 SOPORTE FIJO

CODIGO: 337-100100

cuerpo de polipropileno



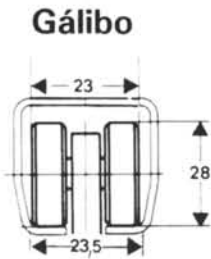
bandeja de acero galvanizado
Peso: 0,940 kg.



RUEDAS

Rodamiento standard en acero galvanizado y rodamiento a bolas

Código 280



Antideflagrante



rueda de bronce,
casquillo en
acero inoxidable

Código 282

Antiruido



rodamiento con
anillos de nylon

Código 285

Anticorrosión



rueda de nylon
con casquillo
de latón

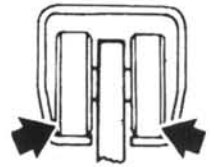
Código 286



rodamiento en
acero inoxidable

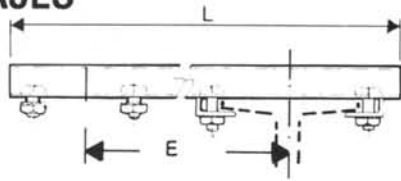
Código 289

Autocentraje



* Carga reducida al 50%

13 HERRAJES

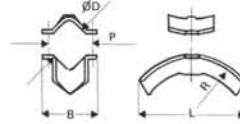


L = E+150

L = 700 CODIGO: 6700/300
L = 800 CODIGO: 6800/300
L = 900 CODIGO: 6900/300

ABRAZADERAS

Acero galvanizado



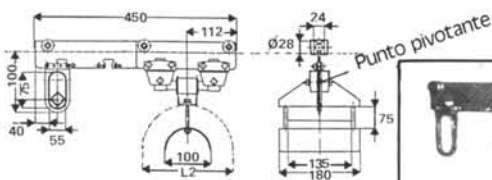
CODIGO	ØD mini.	ØD maxi.	B	L	R	P	Peso/gr
33 43	33	43	108	175	150	68	700
25 32	25	32	88	146	140	56	380
16/24	16	24	50	102	70	28	110
8/15	8	15	39	70	45	21	60

PLANOS

∇	⊔	▲	⊙	∅
35 ²	135 × 75	30	80	28

7 CARRO DE ARRASTRE

CODIGO: 3450.153-135100 cuerpo de acero

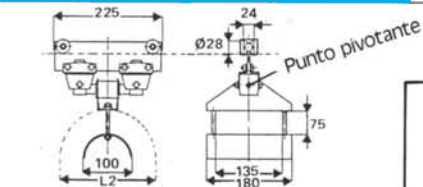


bandeja de acero galvanizado
Peso: 3,000 kg.



8 CARRO PORTACABLES

CODIGO: 3220.153-135100 cuerpo de acero

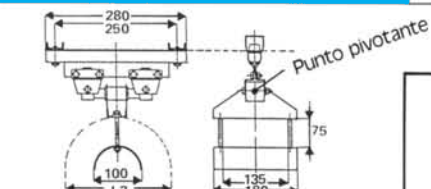


bandeja de acero galvanizado
Peso: 2,450 kg.



9 SOPORTE FIJO

CODIGO: 337.153-135100 cuerpo de acero



bandeja de acero galvanizado
Peso: 2,610 kg.

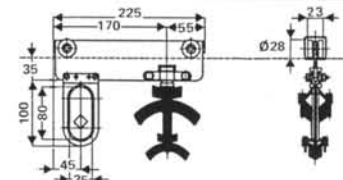


REDONDOS

∇	⊙	▲	⊙	∅
25	∅8-43	30	80	28

7 CARRO DE ARRASTRE

CODIGO: 3225/21 cuerpo de acero

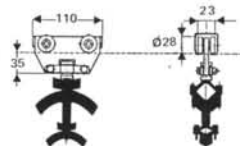


pivote de acero galvanizado
Peso: 0,860 Kg.



8 CARRO PORTACABLES

CODIGO: 3100/21 cuerpo de acero

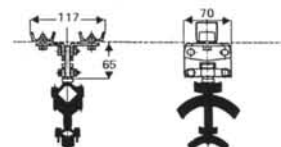


pivote de acero galvanizado
Peso: 0,450 kg.



9 SOPORTE FIJO

CODIGO: 339/21 cuerpo de acero

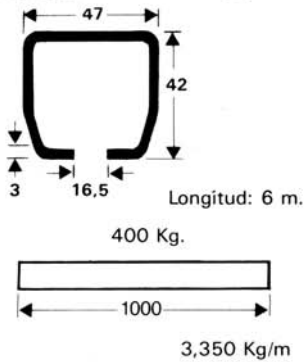


pivote de acero galvanizado
Peso: 0,440 kg.



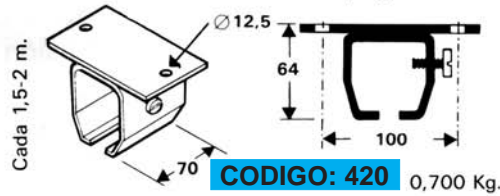
1 PERFIL P400

Chapa galvanizada



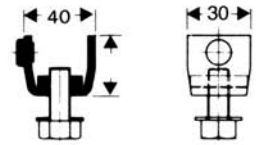
3 SOPORTE

Chapa galvanizada



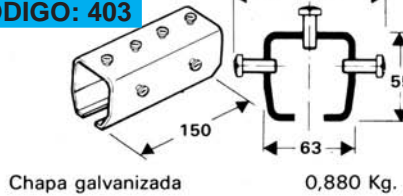
5 TOPE

CODIGO: 404 Chapa galvanizada



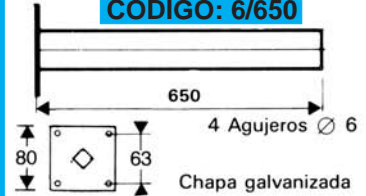
4 EMPALME

CODIGO: 403



6 BRAZO DE ARRASTRE

CODIGO: 6/650



CARROS PORTACABLES

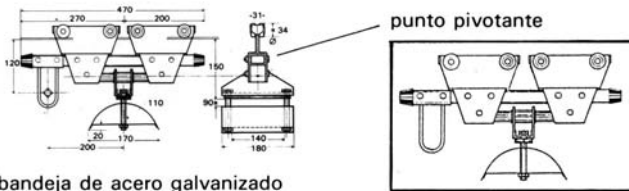
PARA CABLES PLANOS OSCILANTES

∇	☒	▲	◐	∅
50 ²	140x90	60	80	34

7 CARRO DE ARRASTRE

CODIGO: 4470.153-140170

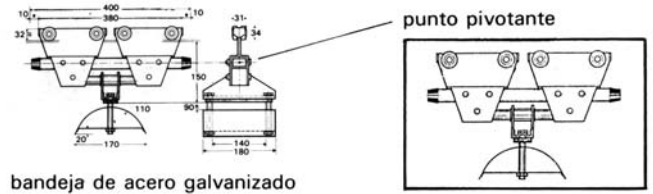
cuerpo de acero



8 CARRO PORTACABLES

CODIGO: 4400.153-140170

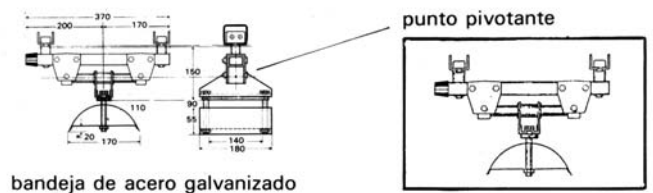
cuerpo de acero



9 SOPORTE FIJO

CODIGO: 4370.153-140170

cuerpo de acero



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