

### **Cabo de aço**

Cabo de aço de 6 ou 8mm

### **Refª 105**

Carro simples porta abraçadeira

### **Refª 106**

Carro duplo porta abraçadeira

### **Refª 163**

Fixador

### **Refª 113**

Carro porta cabos intermédio

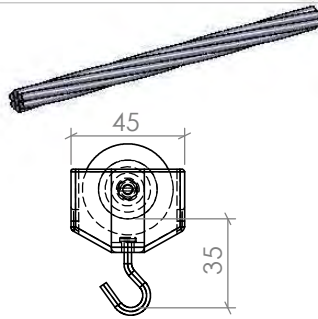
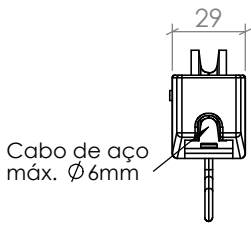
### **Refª 114**

Carro porta cabos intermédio

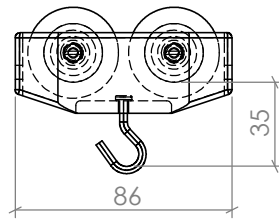
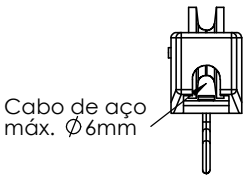
### **Refª 124**

Carro porta cabos guia

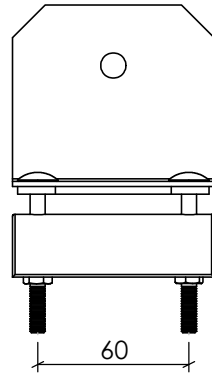
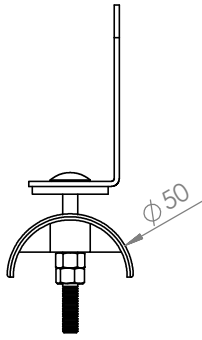
A



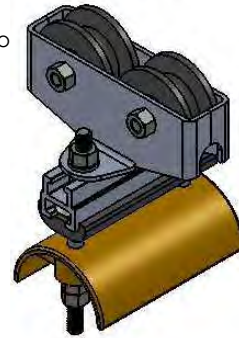
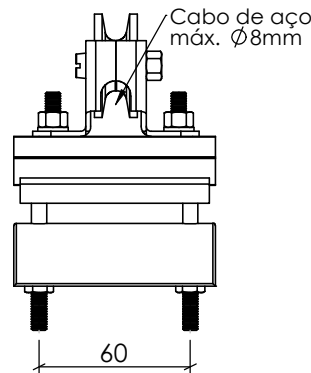
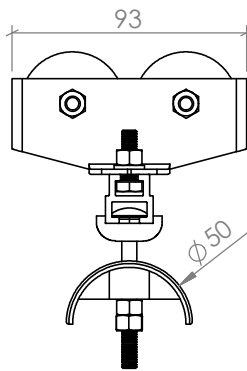
B



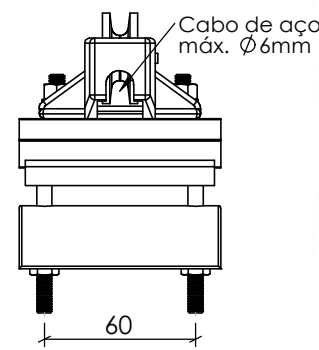
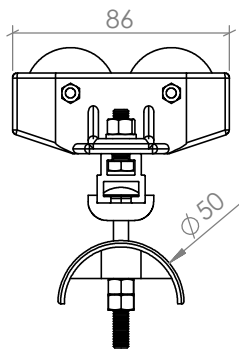
C



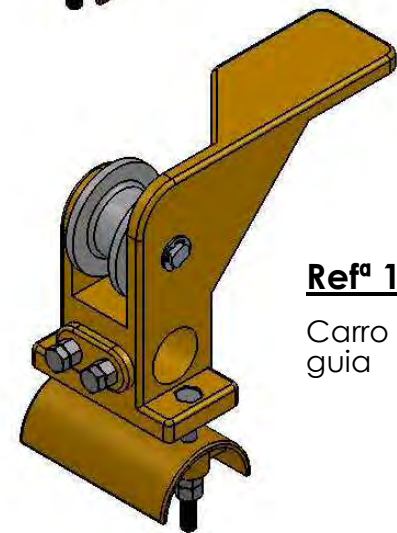
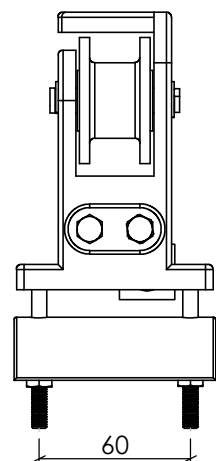
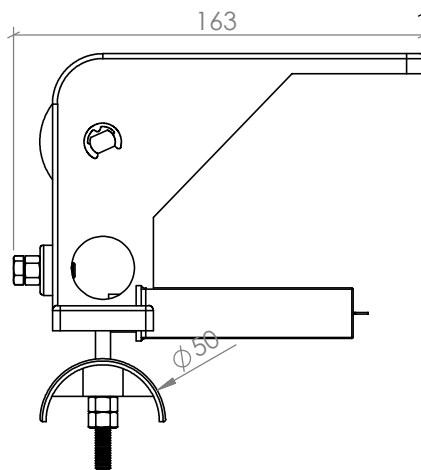
D



E



F

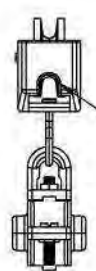




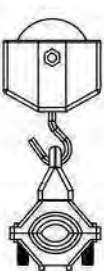
**Cabo de aço**

Cabo de aço de 6 ou 8mm

A



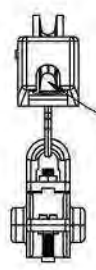
Cabo de aço máx. Ø6mm



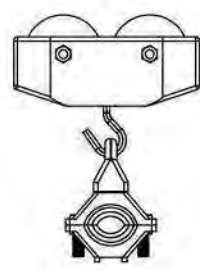
**Refª 105/140 ou 141**

Carro simples porta abraçadeira

B



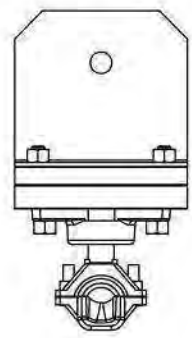
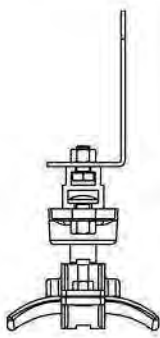
Cabo de aço máx. Ø6mm



**Refª 106/140 ou 141**

Carro duplo porta abraçadeira

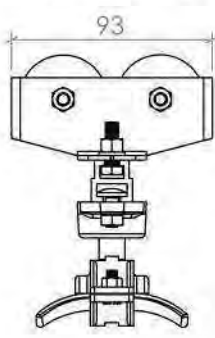
C



**Refª 163/130 ou 131**

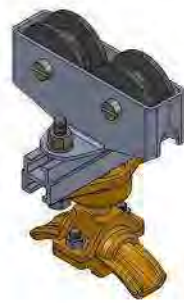
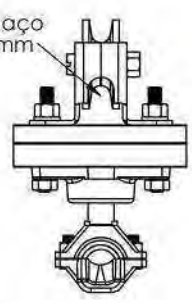
Fixador

D



93

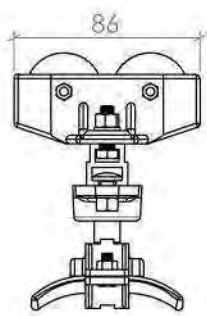
Cabo de aço máx. Ø6mm



**Refª 113/130 ou 131**

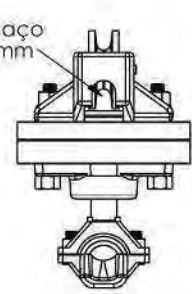
Carro porta abraçadeira cabo redondo guia

E



86

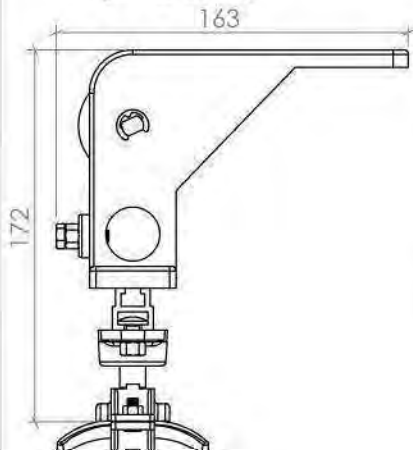
Cabo de aço máx. Ø6mm



**Refª 114/130 ou 131**

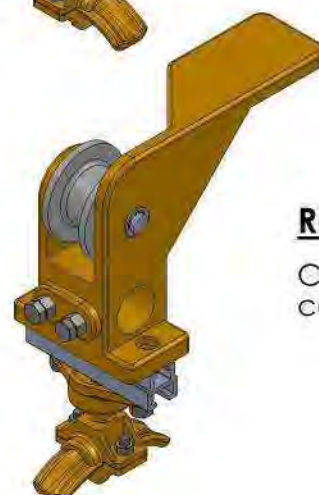
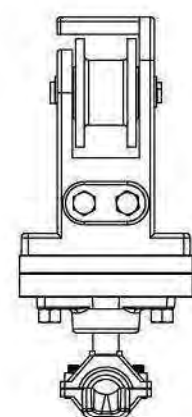
Carro porta abraçadeira cabo redondo guia

F



172

163



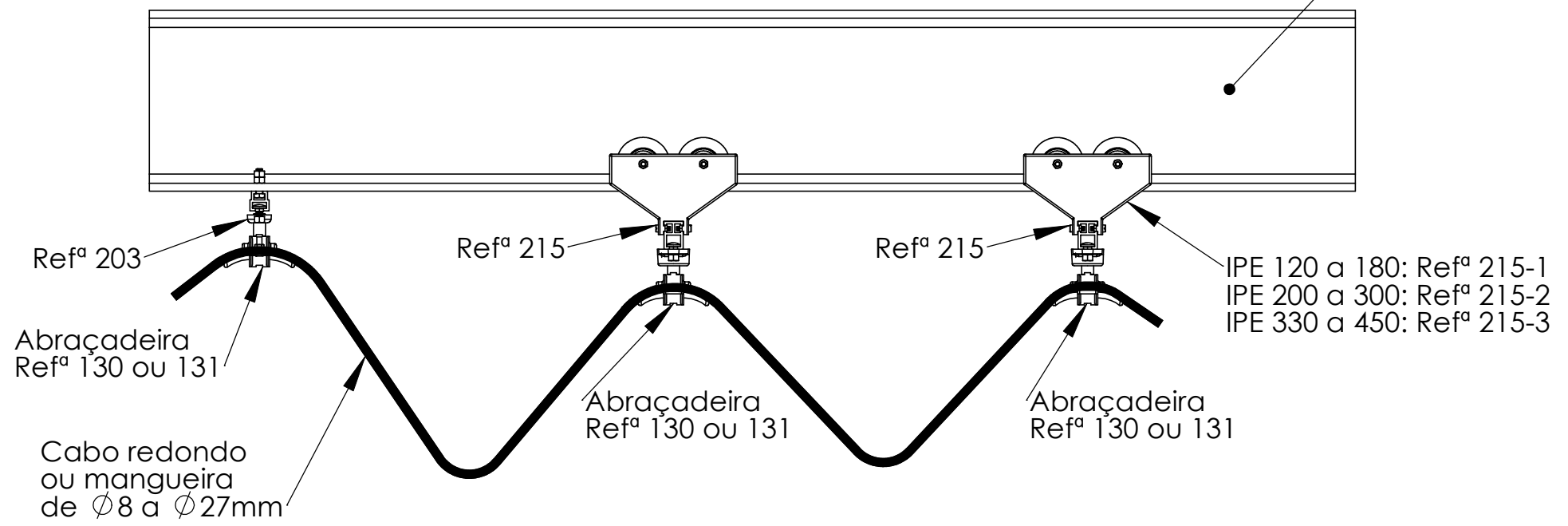
**Refª 124/130 ou 131**

Carro porta abraçadeira cabo redondo

1 2 3 4 5 6

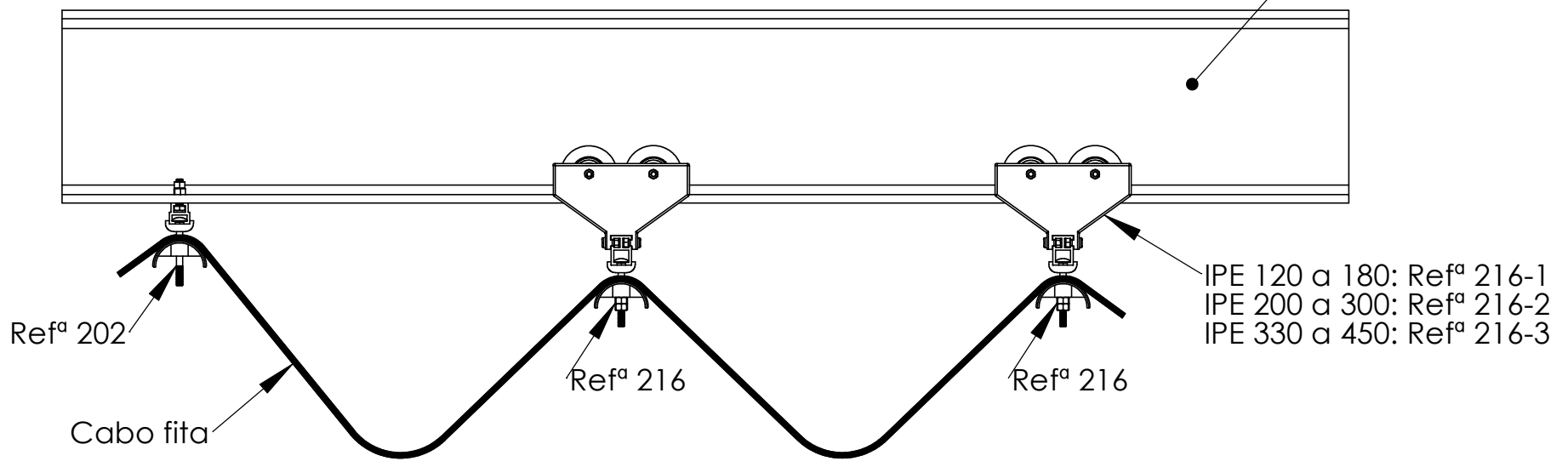
### Grupo 215

Perfil metálico IPE



### Grupo 216

Perfil metálico IPE



1 2 3 4 5 6

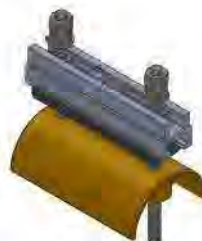
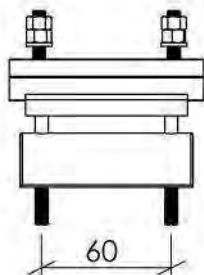
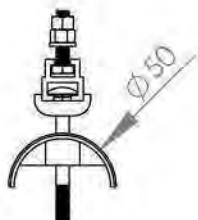
IPE 120 a 180: Refª 215-1  
 IPE 200 a 300: Refª 215-2  
 IPE 330 a 450: Refª 215-3

IPE 120 a 180: Refª 216-1  
 IPE 200 a 300: Refª 216-2  
 IPE 330 a 450: Refª 216-3



A

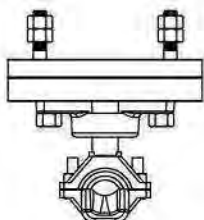
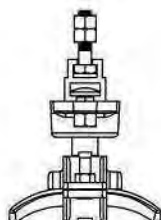
B



**Refª 202**

Fixador para cabo fita

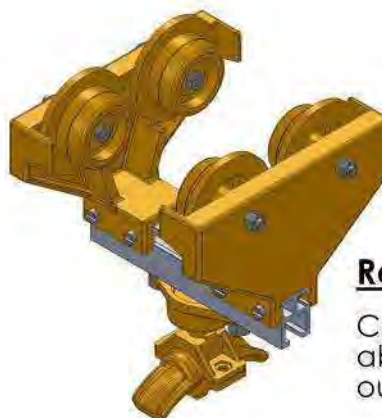
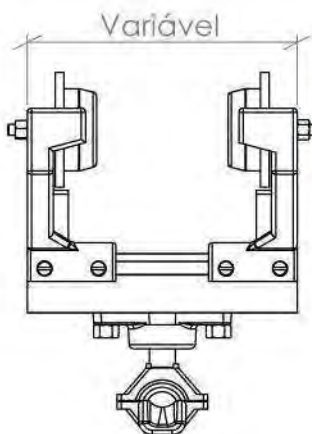
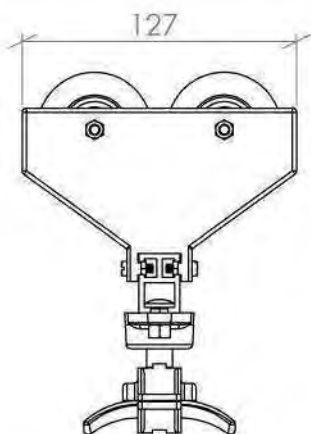
C



**Refª 203/130 ou 131**

Fixador para viga I com abraçadeira refª 130 ou 131

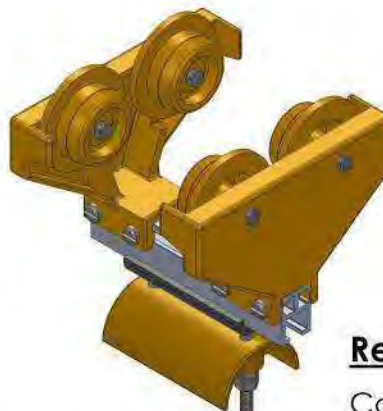
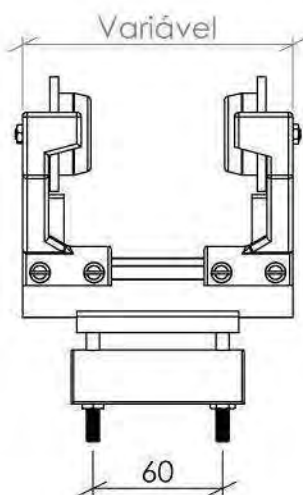
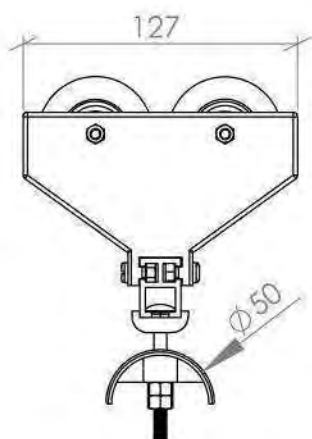
D



**Refª 215/130 ou 131**

Carro para viga I com abraçadeira refª 130 ou 131

E



**Refª 216**

Carro para viga I com tambor

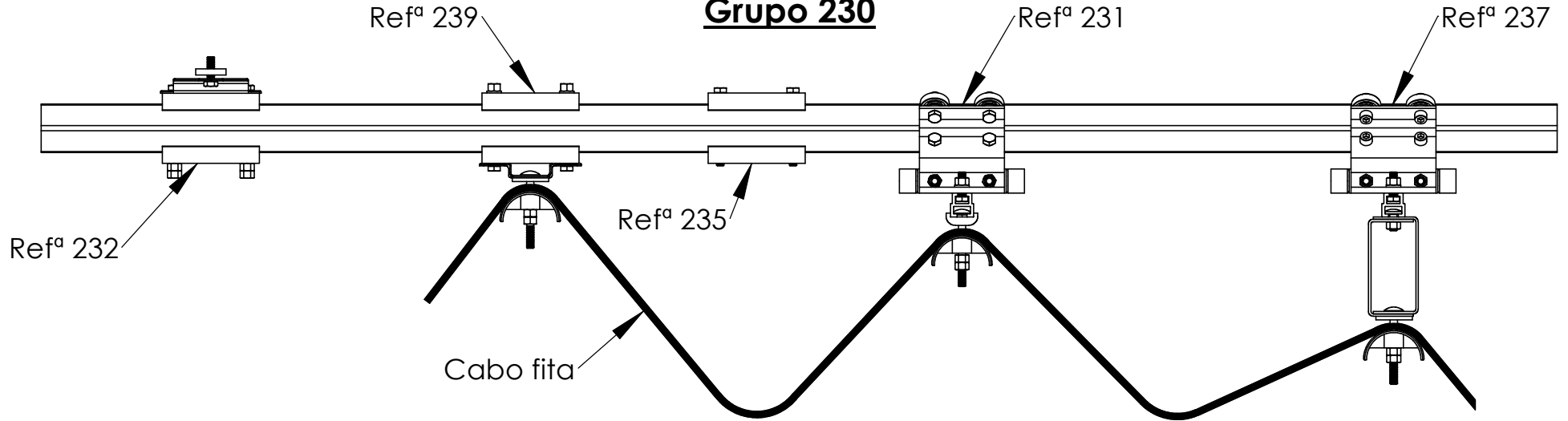
F

1 2 3 4 5 6

A

A

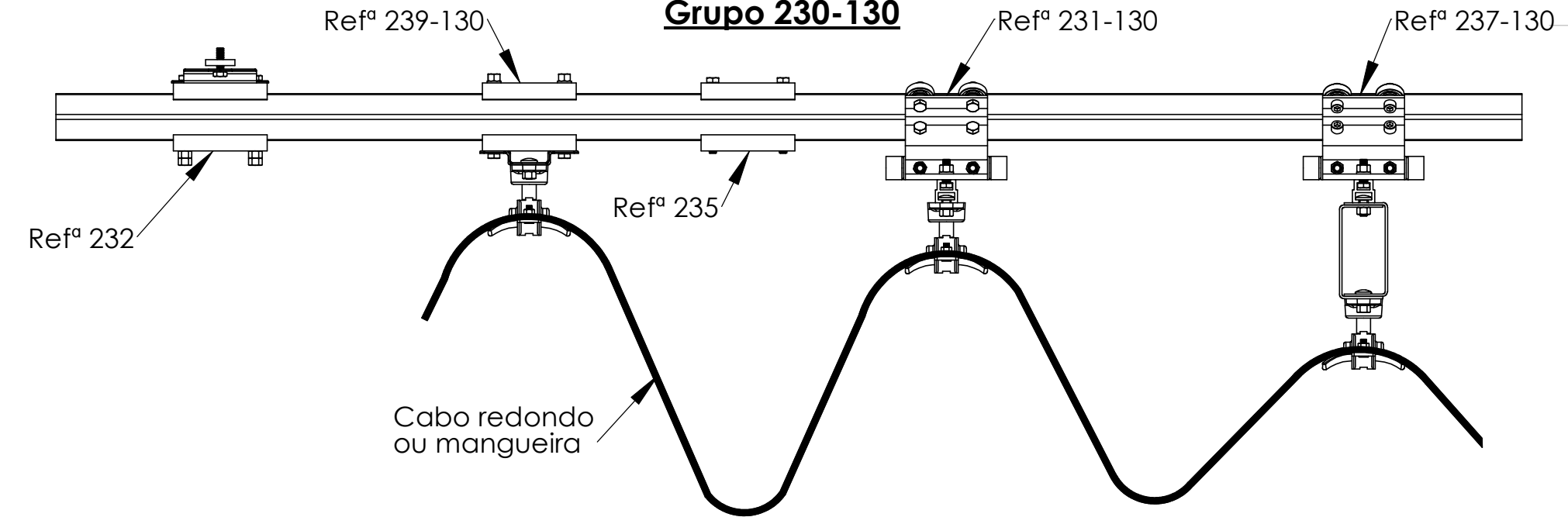
### Grupo 230



B

B

### Grupo 230-130



C

C

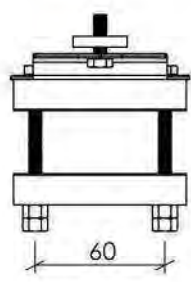
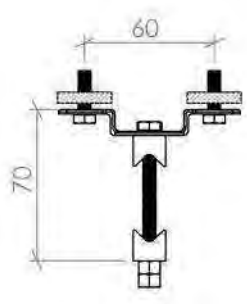
D

1 2 3 4 5 6

A  
B  
C  
D  
E  
F

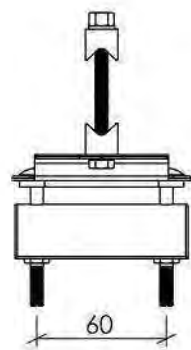
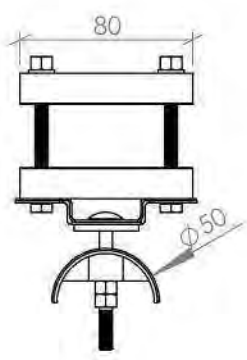


**Tubo quadrado 30x30x2**



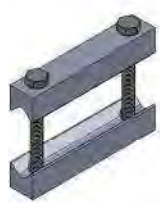
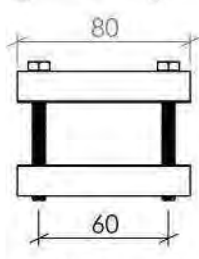
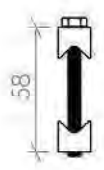
**Refª 232**

Suporte para tubo quadrado de 30mm



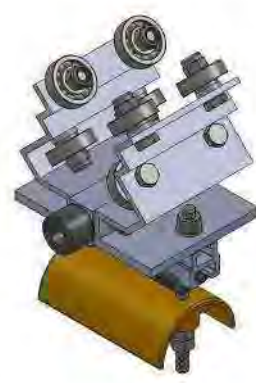
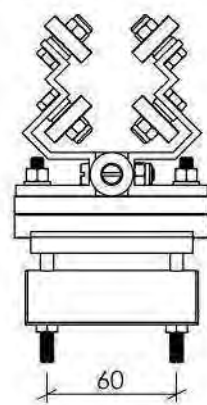
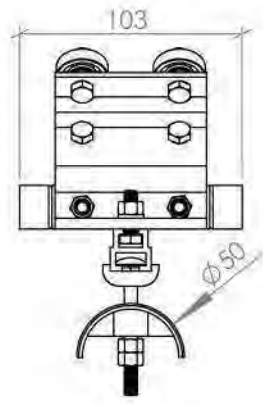
**Refª 239**

Fixador de cabo fita para tubo quadrado



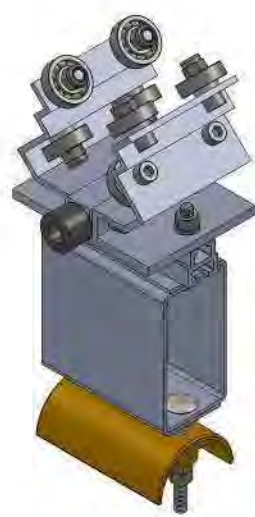
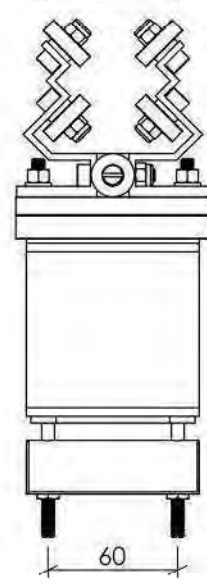
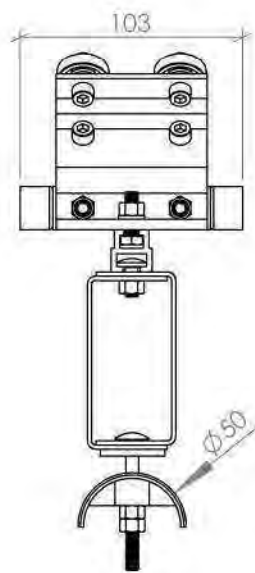
**Refª 235**

Junção para tubo quadrado de 30mm



**Refª 231**

Carro p/ cabos intermédios p/ tubo quadrado de 30mm



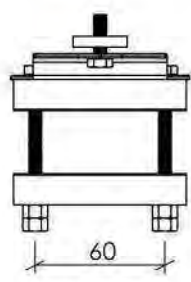
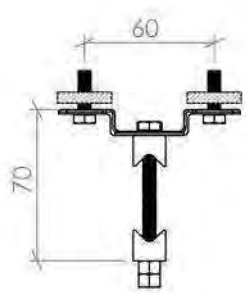
**Refª 237**

Carro p/ cabos guia p/ tubo quadrado de 30mm

A  
B  
C  
D  
E  
F

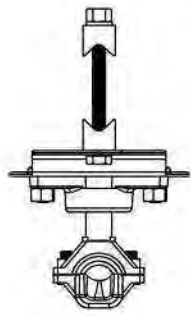
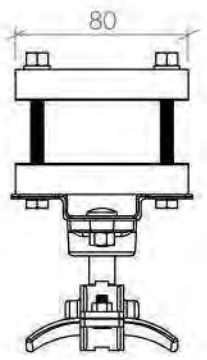


**Tubo quadrado 30x30x2**



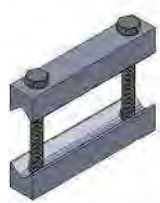
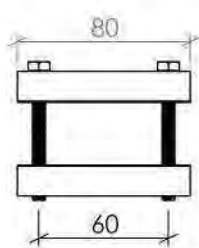
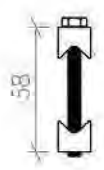
**Refª 232**

Suporte para tubo quadrado de 30mm



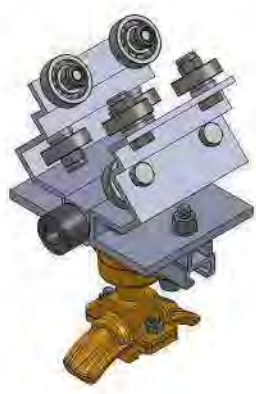
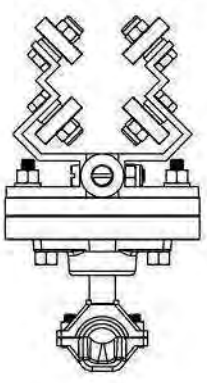
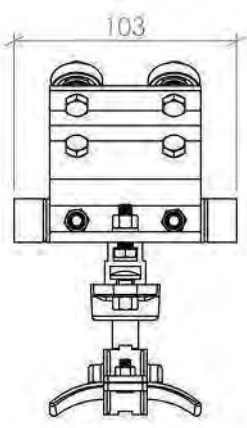
**Refª 239/130 ou 131**

Fixador de cabo redondo ou mangueira para tubo quadrado



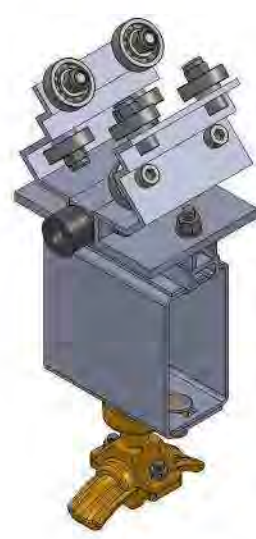
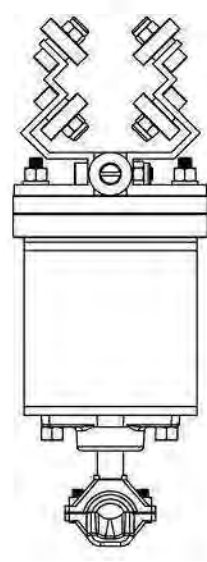
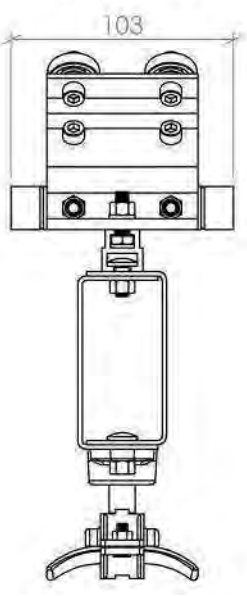
**Refª 235**

Junção para tubo quadrado de 30mm



**Refª 231/130 ou 131**

Carro p/ cabos intermédios p/ tubo quadrado de 30mm



**Refª 237/130 ou 131**

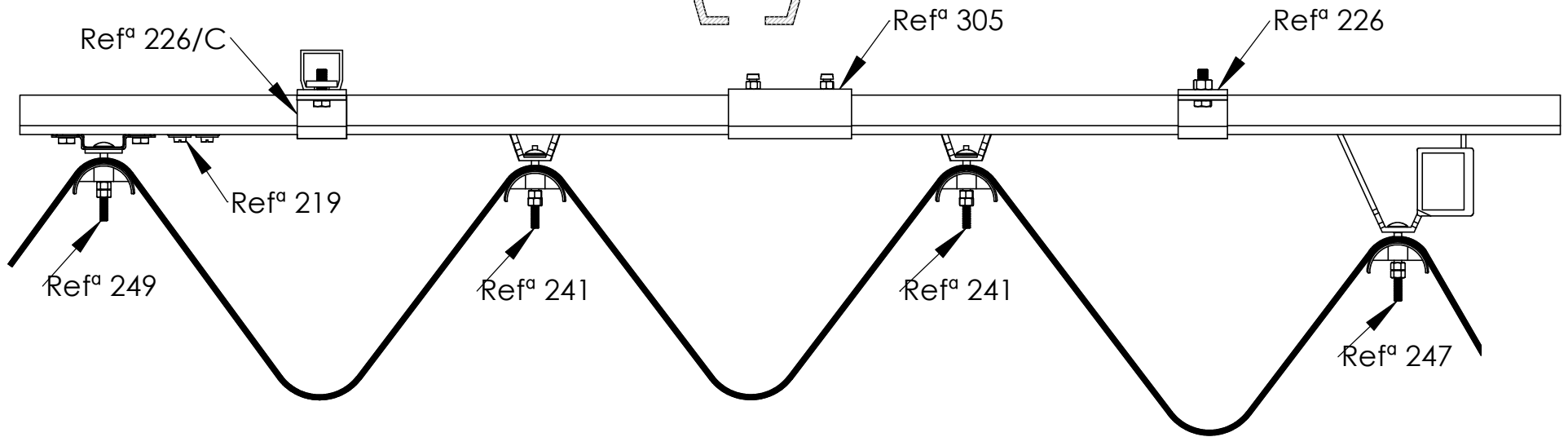
Carro p/ cabos guia p/ tubo quadrado de 30mm

1 2 3 4 5 6

A

A

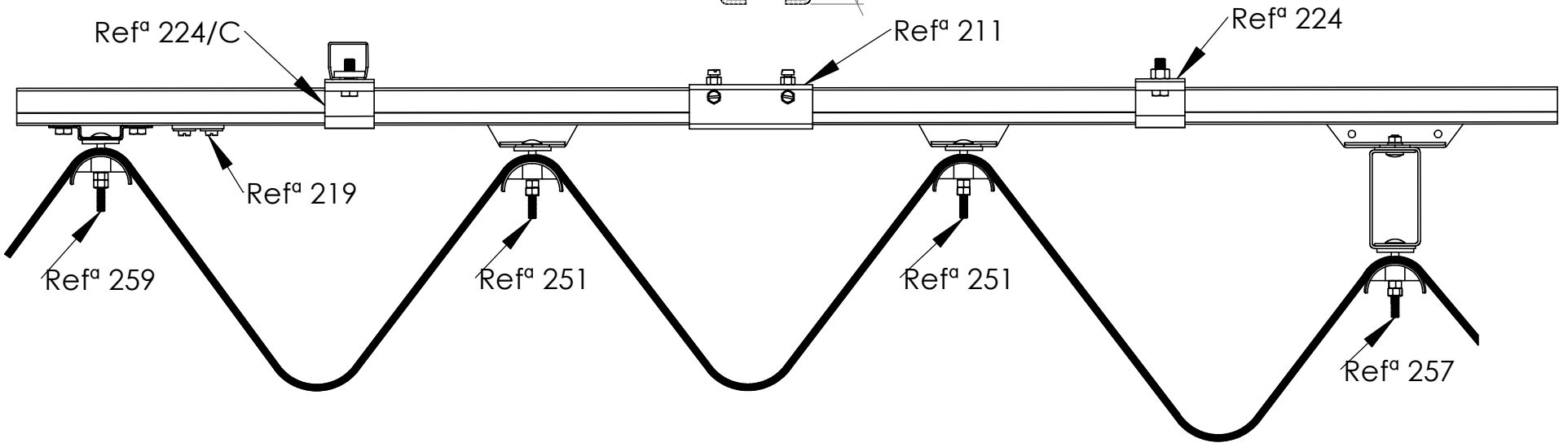
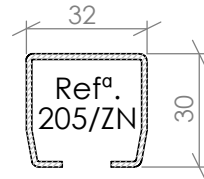
**Grupo240**



B

B

**Grupo 250**



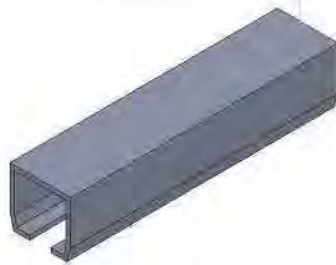
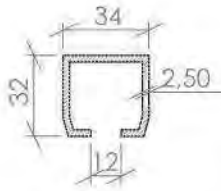
C

C

D

1 2 3 4 5 6

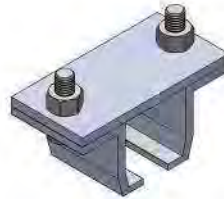
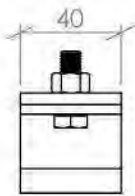
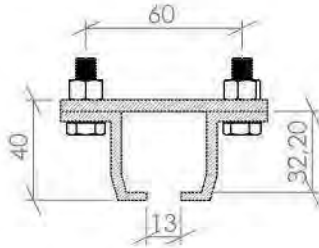
A



**Refª 205 / AL**

Calha de alumínio em comprimentos de 4 metros

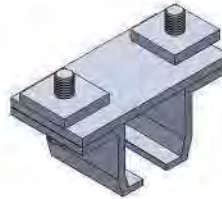
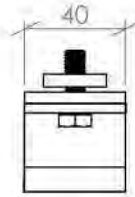
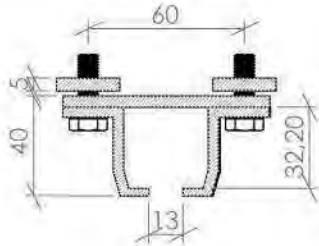
B



**Refª 226**

Suportes de calha afastados no máximo 1,50 metros

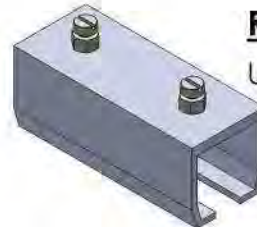
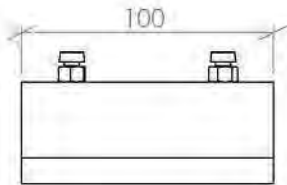
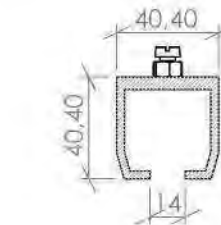
C



**Refª 226 / C**

Suportes de calha afastados no máximo 1,50 metros

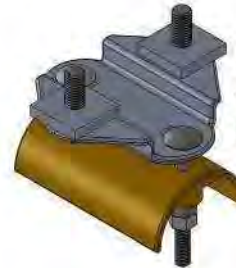
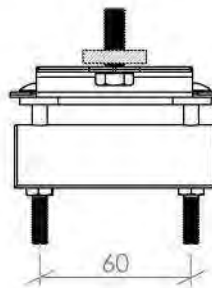
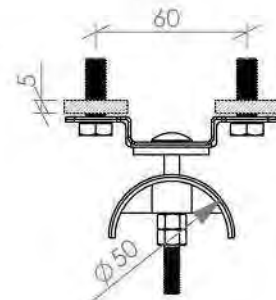
D



**Refª 305**

União de calha alumínio

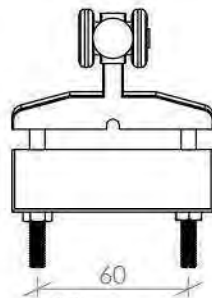
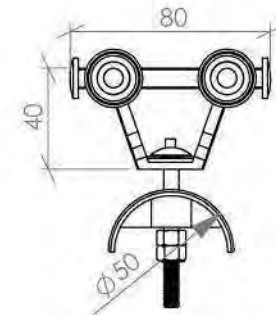
E



**Refª 249**

Fixador de cabo de fita

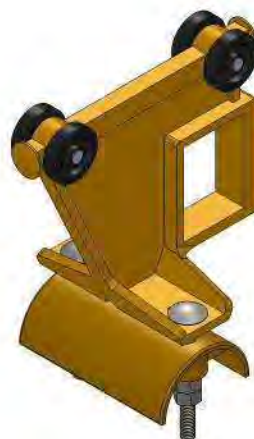
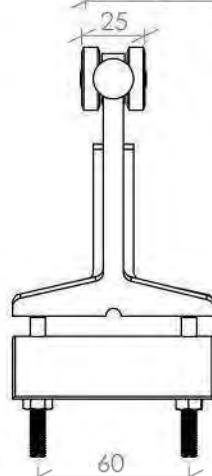
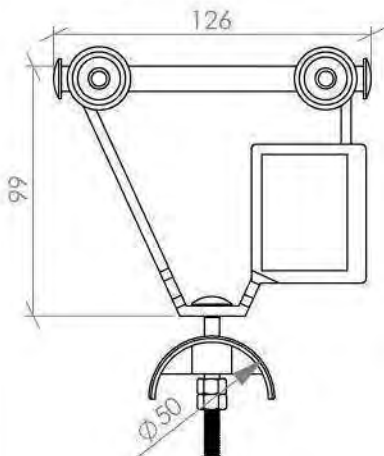
F



**Refª 241**

Carro porta cabos-fita intermédio

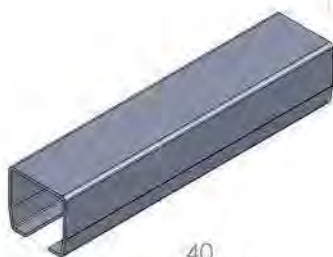
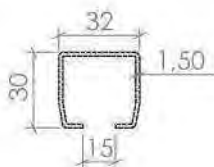
F



**Refª 247**

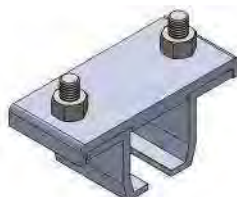
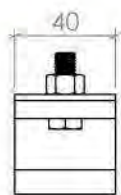
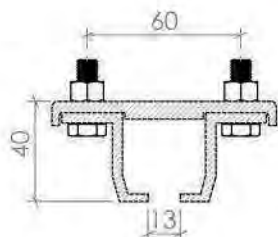
Carro porta cabos-fita guia

A

**Refª 205 / ZN**

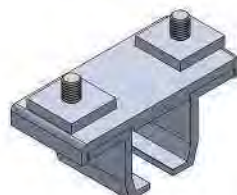
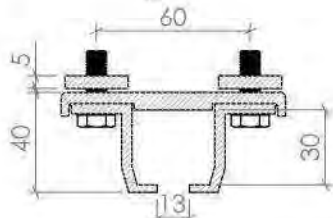
Calha galvanizada em comprimentos de 4 metros

B

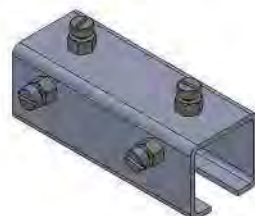
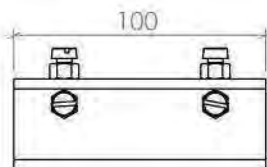
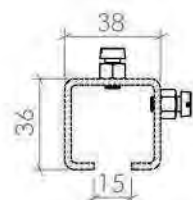
**Refª 224**

Suportes de calha afastados no máximo 1,50 metros

C

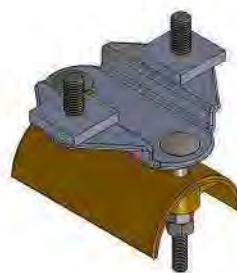
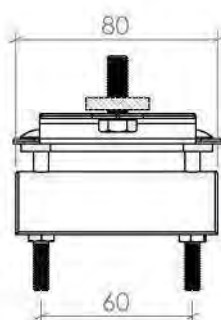
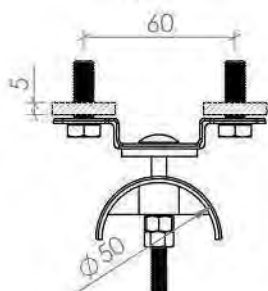
**Refª 224 / C**

Suportes de calha afastados no máximo 1,50 metros

**Refª 211**

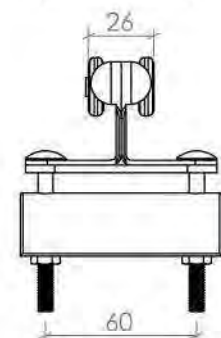
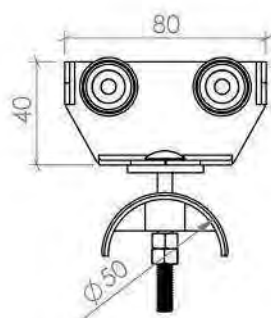
União de calha zincada

D

**Refª 259**

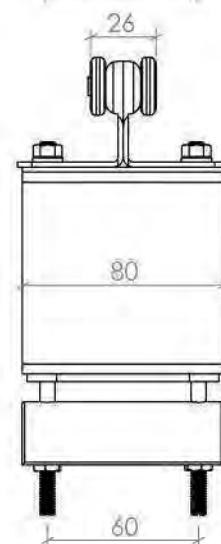
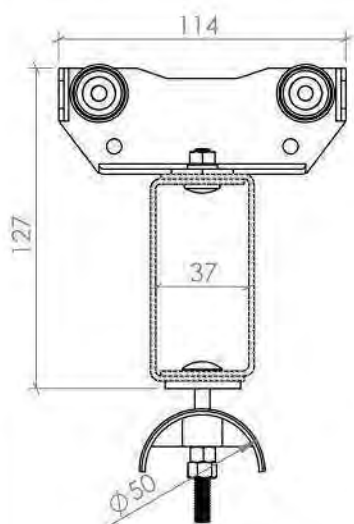
Fixador de cabo de fita

E

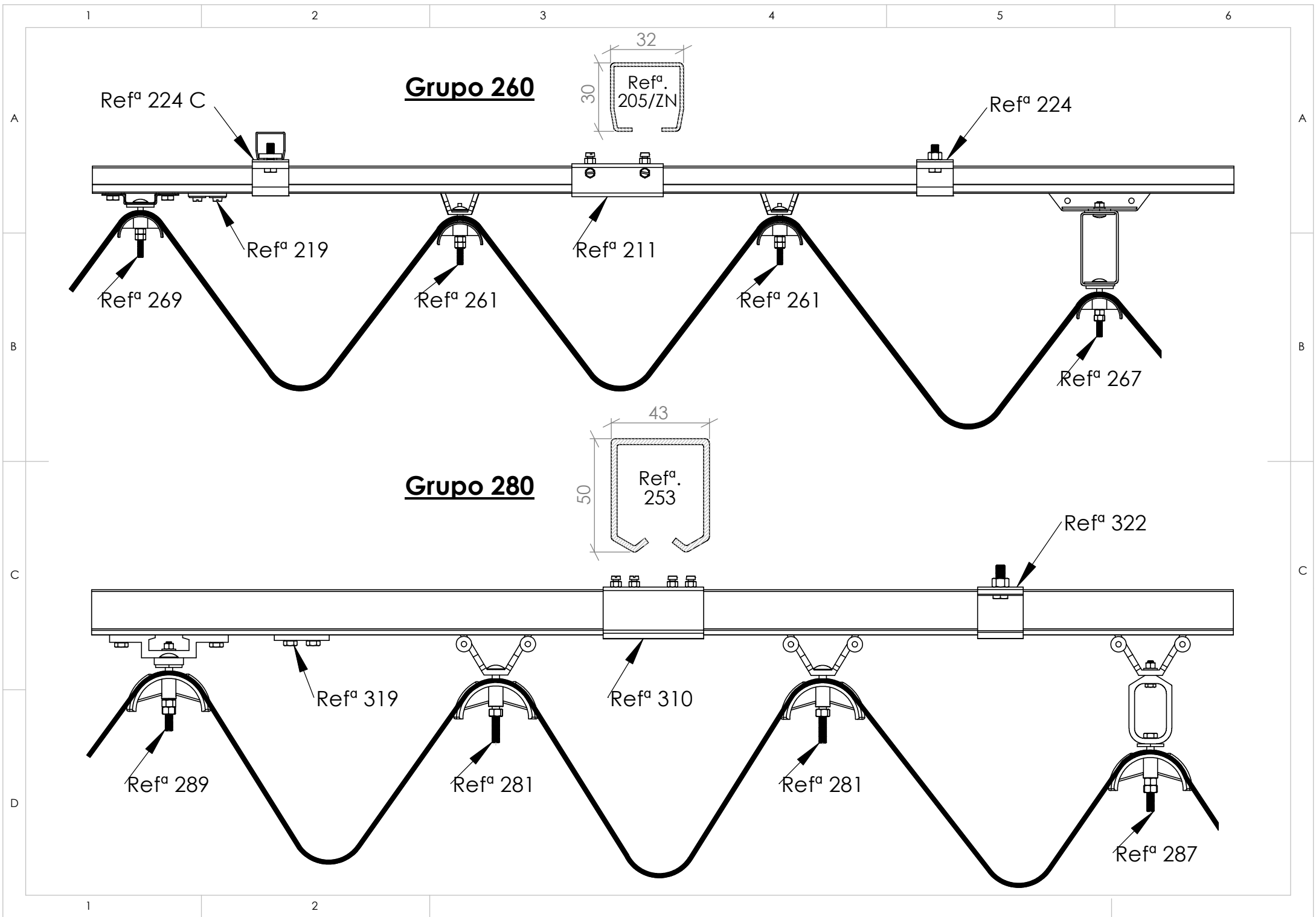
**Refª 251**

Carro porta cabos-fita intermédio

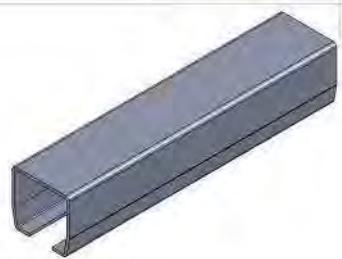
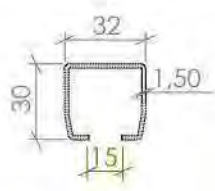
F

**Refª 257**

Carro porta cabos-fita guia



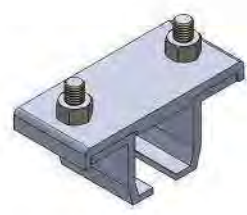
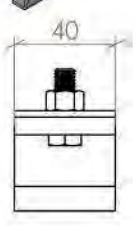
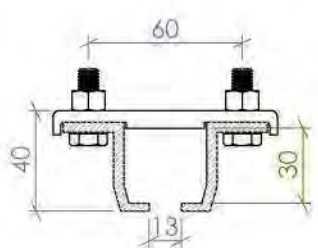
A



**Refª 205 / ZN**

Calha galvanizada em comprimentos de 4 metros

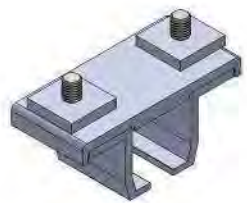
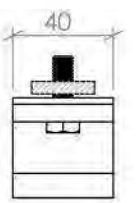
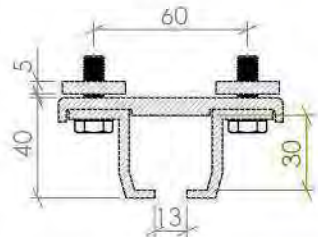
B



**Refª 224**

Suportes de calha afastados no máximo 1,50 metros

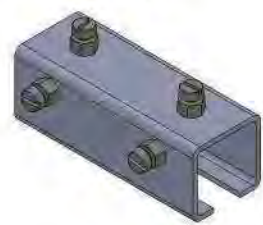
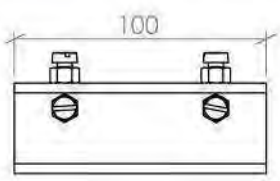
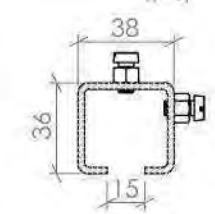
C



**Refª 224 / C**

Suportes de calha afastados no máximo 1,50 metros

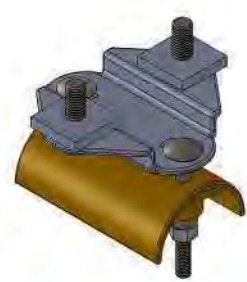
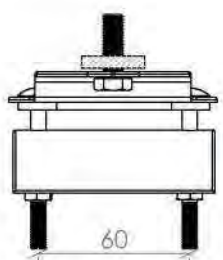
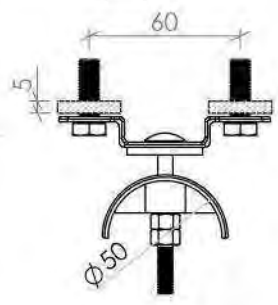
D



**Refª 211**

União de calha zincada

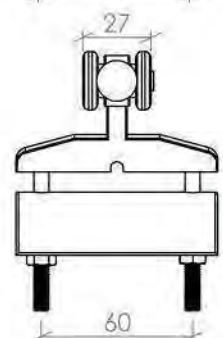
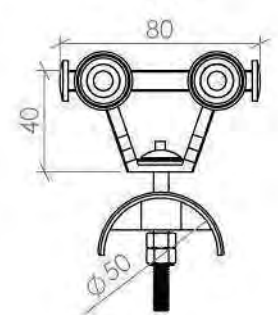
E



**Refª 269**

Fixador de cabo de fita

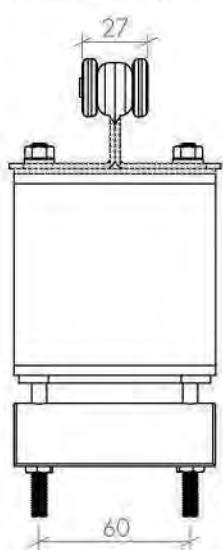
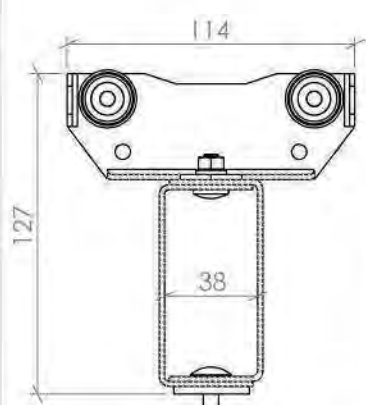
F



**Refª 261**

Carro porta cabos-fita intermédio

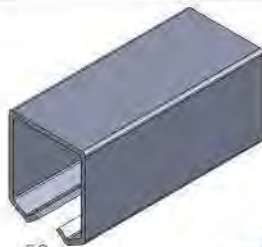
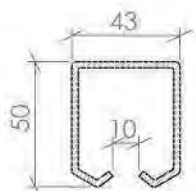
F



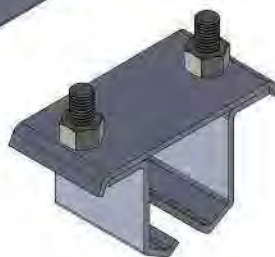
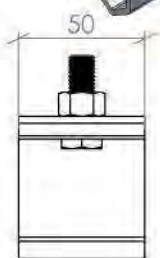
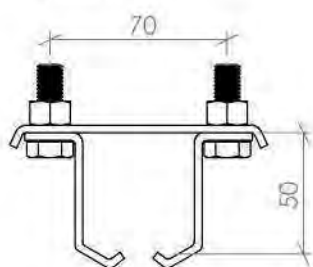
**Refª 267**

Carro porta cabos-fita guia

A

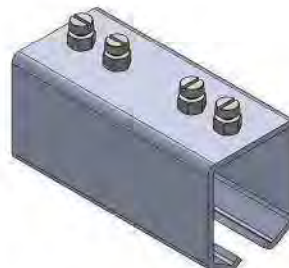
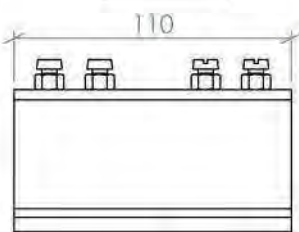
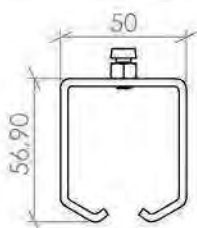
**Refª 253**

Calha de aço em comprimentos de 6 metros

**Refª 322**

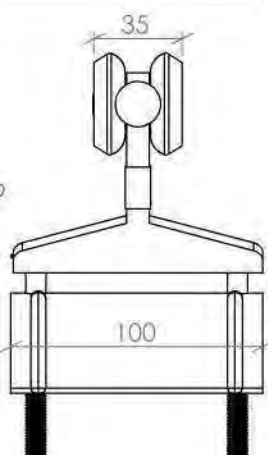
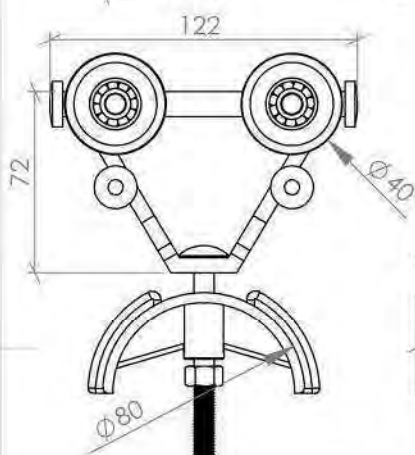
Suportes de calha afastados no máximo 2,00 metros

B

**Refª 310**

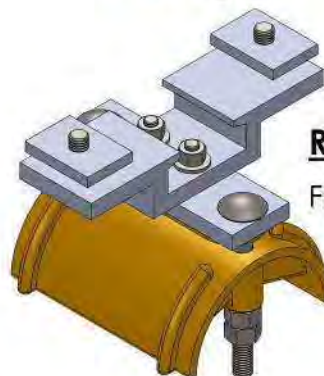
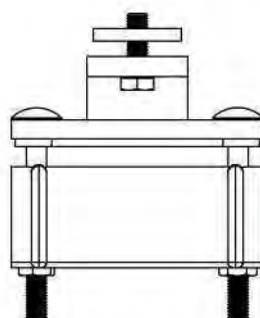
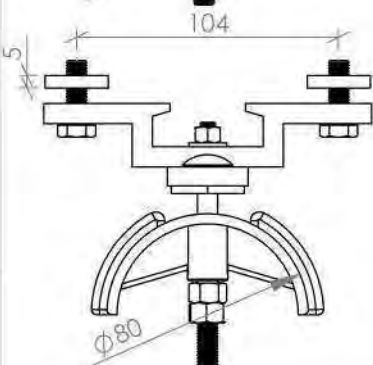
União de calha em aço

C

**Refª 281**

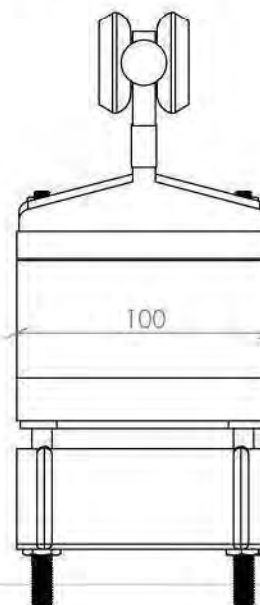
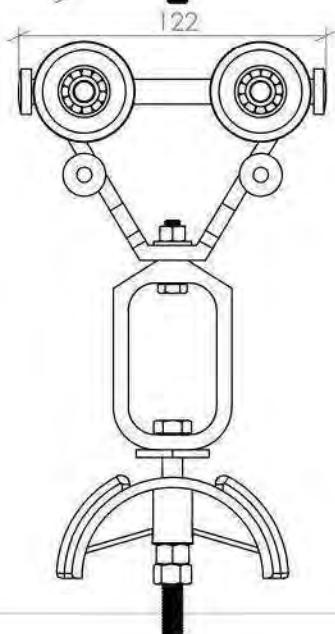
Carro porta cabos-fita intermédio

D

**Refª 289**

Fixador de cabo de fita

E

**Refª 287**

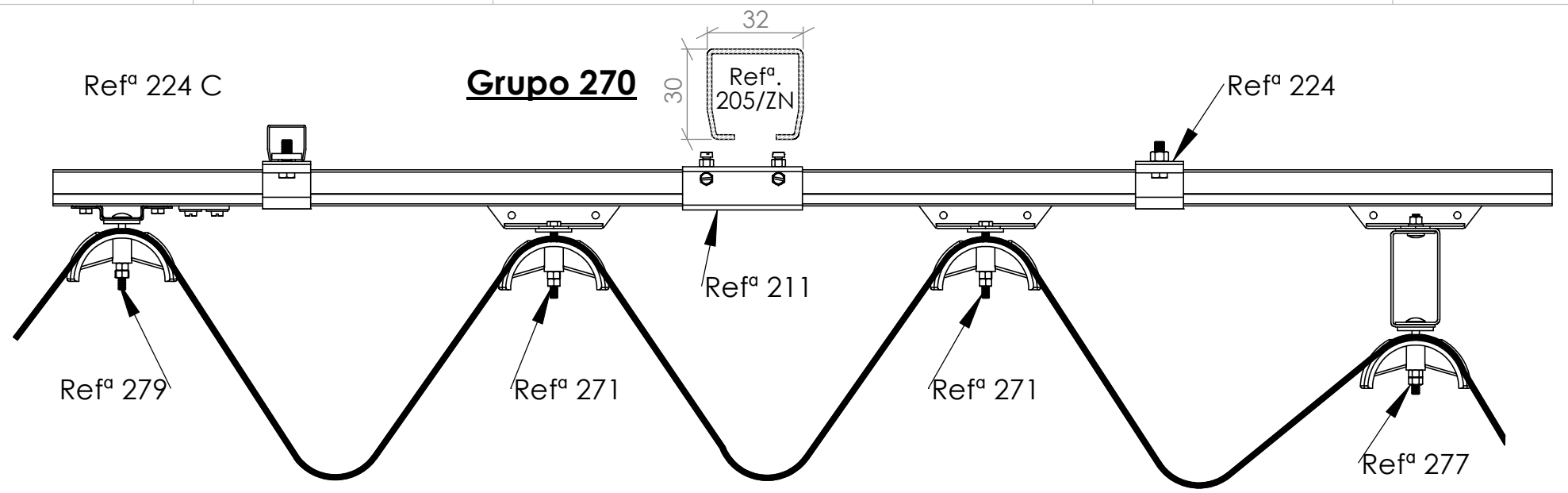
Carro porta cabos-fita guia

F

1 2 3 4 5 6

A

A

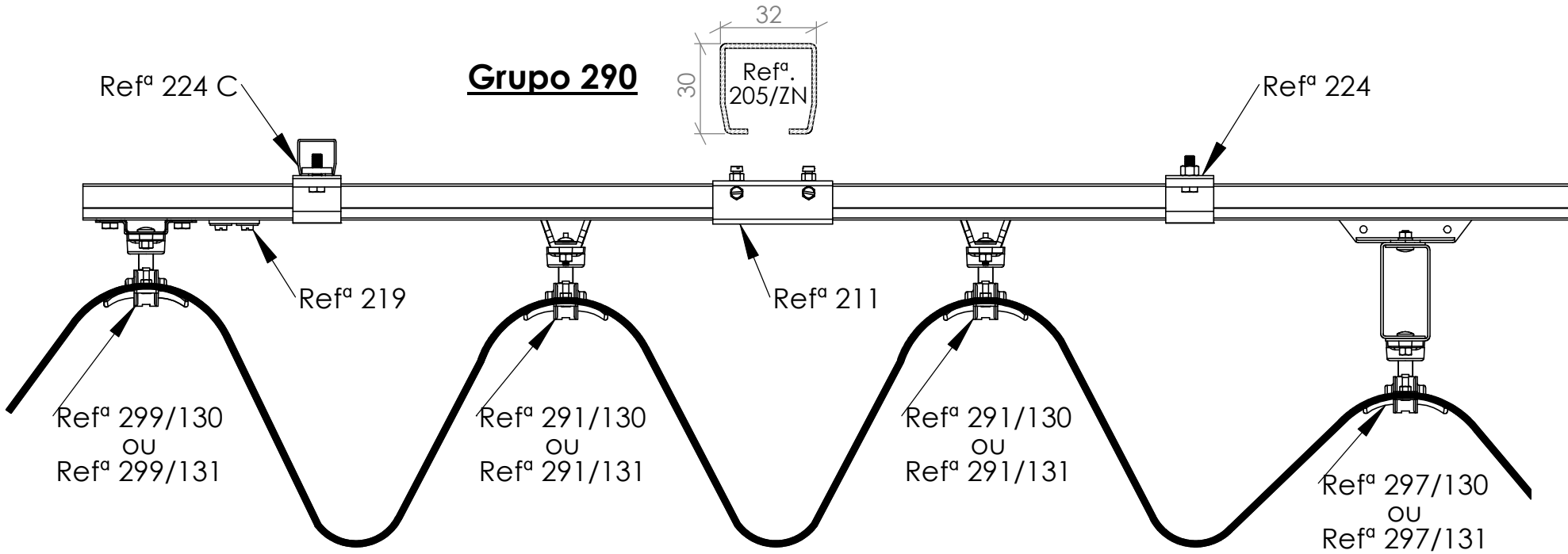


B

B

C

C



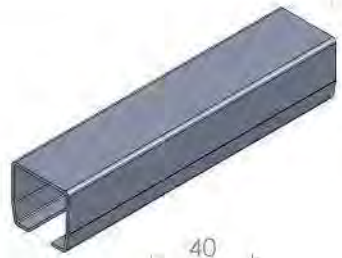
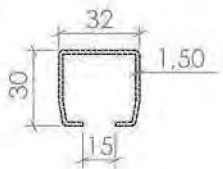
D

D

**Abraçadeiras Refª 130 - Cabos ou mangueiras  $\phi$  8 a  $\phi$  16mm**  
**Abraçadeiras Refª 131 - Cabos ou mangueiras  $\phi$  17 a  $\phi$  27mm**

1 2 3 4 5 6

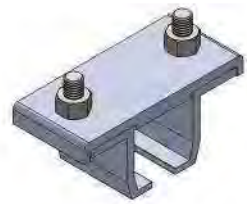
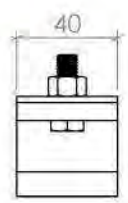
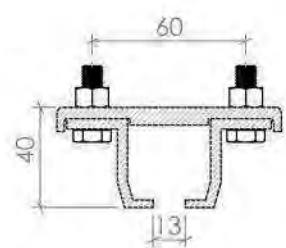
A



**Refª 205 / ZN**

Calha galvanizada em comprimentos de 4 metros

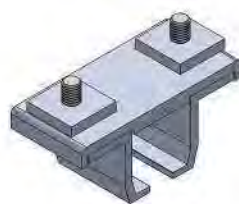
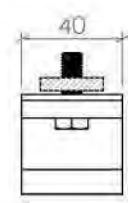
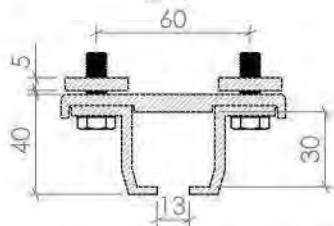
B



**Refª 224**

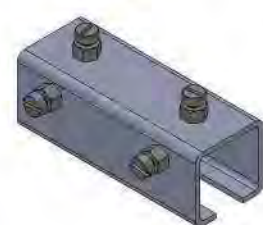
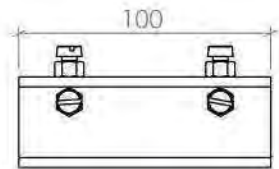
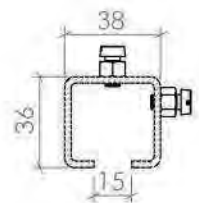
Suportes de calha afastados no máximo 1,50 metros

C



**Refª 224 / C**

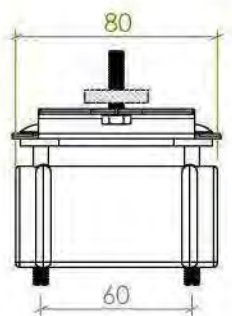
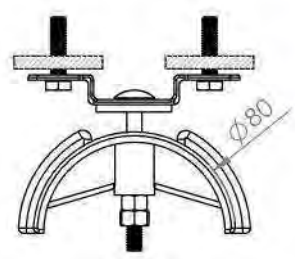
Suportes de calha afastados no máximo 1,50 metros



**Refª 211**

União de calha zincada

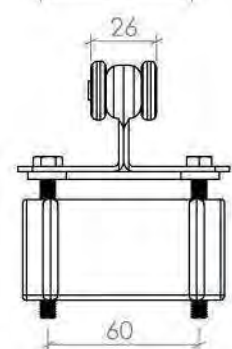
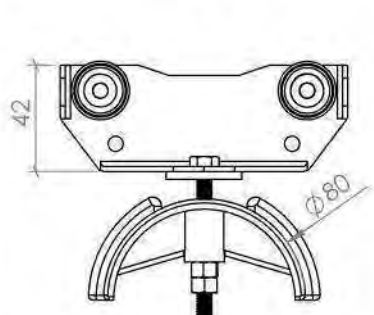
D



**Refª 279**

Fixador de cabo de fita

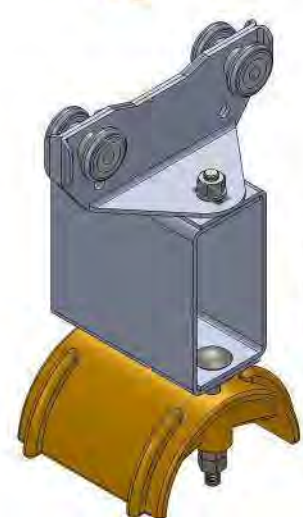
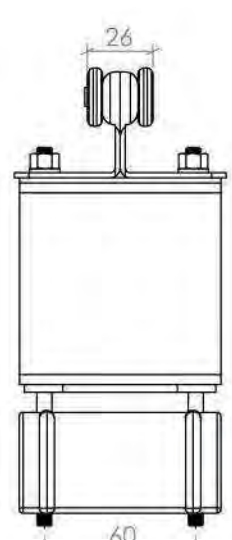
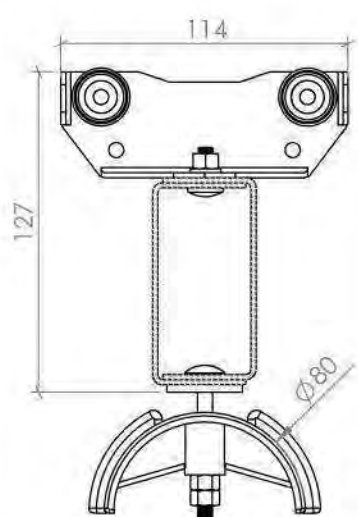
E



**Refª 271**

Carro porta cabos-fita intermédio

F

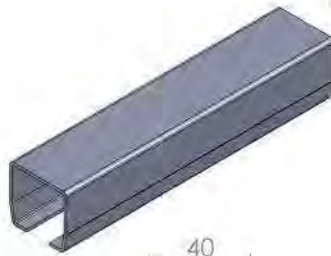
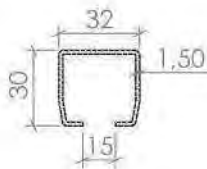


**Refª 277**

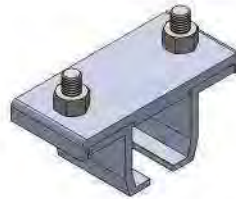
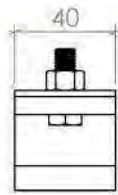
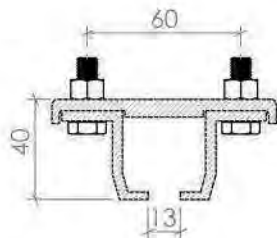
Carro porta cabos-fita guia

**Refª 205 / ZN**

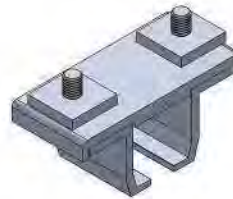
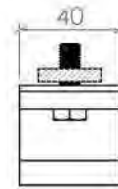
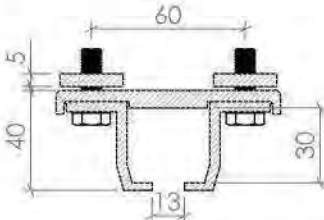
Calha galvanizada em comprimentos de 4 metros

**Refª 224**

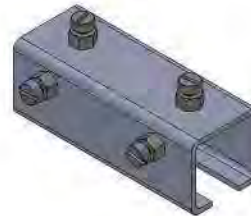
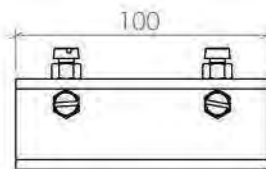
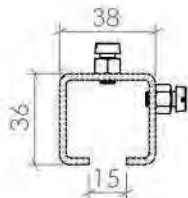
Suportes de calha afastados no máximo 1,50 metros

**Refª 224 / C**

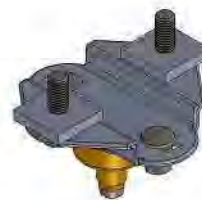
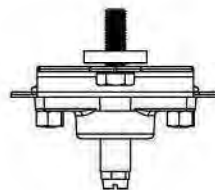
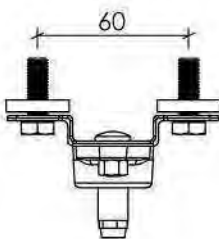
Suportes de calha afastados no máximo 1,50 metros

**Refª 211**

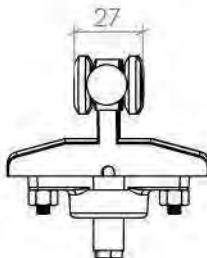
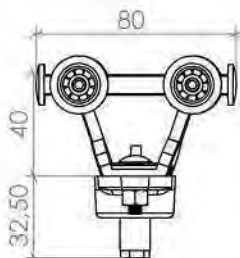
União de calha zincada

**Refª 299**

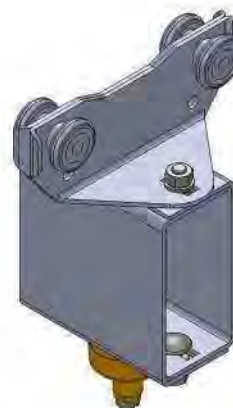
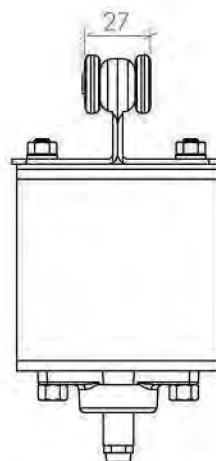
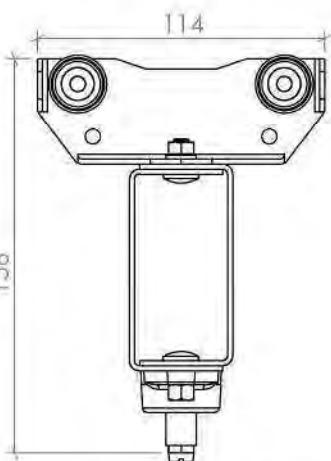
Fixador de abraçadeira cabo de redondo

**Refª 291**

Carro porta abraçadeira cabo redondo

**Refª 297**

Carro porta abraçadeira cabo redondo guia



F

**Refª 130**

Abraçadeira  $\varnothing$  8 a 16mm

**Refª 131**

Abraçadeira  $\varnothing$  17 a 27mm

**Refª 291/131/130**