

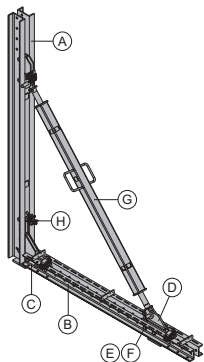
**Contraforte variável 3,30m**

Support. construction frame "Variable" 3.30m

Constituído por:

(A) <b>Cinta para contraforte WU14</b> pintado de azul altura: 252 cm	<b>99,0 580510000</b>
(B) <b>Perfil multi-uso WS10 Top50 2,00m</b> pintado de azul	<b>38,9 580007000</b>
(C) <b>Placa de tração</b> pintado de azul comprimento: 19 cm	<b>2,5 580534000</b>
(D) <b>Base de suporte</b> pintado de azul comprimento: 28 cm	<b>9,5 580532000</b>
(E) <b>Pino de união 10cm</b> galvanizado comprimento: 14 cm	<b>0,34 580201000</b>
(F) <b>Contrapino 5mm</b> galvanizado comprimento: 13 cm	<b>0,05 580204000</b>
(G) <b>Tensor de regulagem 12 3,00M</b> pintado de azul comprimento: 201 - 234 cm	<b>32,0 580521000</b>
(H) <b>Abraçadeira de aparafusar 48mm 50</b> galvanizado tamanho de chave: 22 mm	<b>0,84 682002000</b>

pintado de azul

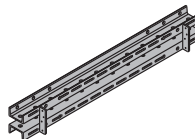
**Placa de tração**

Tension plate

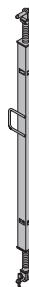
**2,5 580534000**pintado de azul  
comprimento: 19 cm**Perfil multi-uso WS10 Top50 1,00m****19,6 580003000****Perfil multi-uso WS10 Top50 1,75m****35,0 580006000****Perfil multi-uso WS10 Top50 2,00m****38,9 580007000****Perfil multi-uso WS10 Top50 2,50m****48,7 580009000****Perfil multi-uso WS10 Top50 2,75m****54,2 580010000****Perfil multi-uso WS10 Top50 3,00m****60,2 580011000****Perfil multi-uso WS10 Top50 3,50m****68,4 580012000****Perfil multi-uso WS10 Top50 4,00m****79,4 580013000**

Multi-purpose waling WS10 Top50

pintado de azul

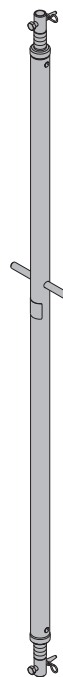
**Tensor de regulagem 12 3,00M****32,0 580521000**

Spindle strut 12 3.00m

pintado de azul  
comprimento: 201 - 234 cm**Tensor de regulagem T7 305/355cm****35,0 584327000**

Spindle strut T7 305/355cm

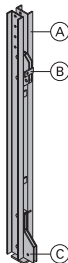
galvanizado

**Cinta para contraforte WU14**

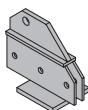
Waling WU14 for supporting construction frame

Constituído por:

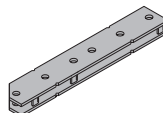
(A) <b>Perfil para contraforte WU14</b> pintado de azul altura: 250 cm	<b>99,0 580510000</b>
(B) <b>Sapata de pressão</b> pintado de azul altura: 32 cm	<b>6,2 580531000</b>
(C) <b>Base de ancoragem</b> pintado de azul altura: 51 cm	<b>12,0 580533000</b>

pintado de azul  
altura: 252 cm**Base de suporte**

Supporting shoe

**9,5 580532000**pintado de azul  
comprimento: 28 cm**Tala de união FF20/50 Z**

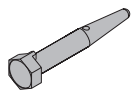
Formwork element connector FF20/50 Z

**6,0 587533000**pintado de azul  
comprimento: 55 cm

[kg] Artikel nr.

**Pino de união 10cm**

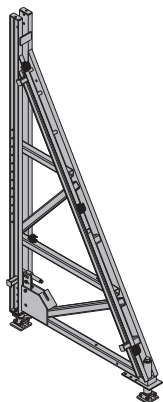
Connecting pin 10cm

galvanizado  
comprimento: 14 cm**0,34 580201000****Contrapino 5mm**

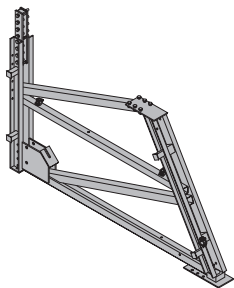
Spring cotter 5mm

galvanizado  
comprimento: 13 cm**0,05 580204000****Contraforte universal F 4,50m**

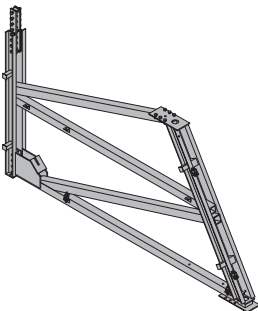
Supporting construct. frame Universal F 4.50m

pintado de azul  
comprimento: 196 cm  
altura: 365 - 394 cm**306,0 580500000****Extensão de contraforte F 1,50m**

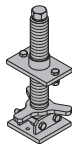
Attachable frame F 1.50m

pintado de azul  
comprimento: 280 cm**236,0 580502000****Extensão de contraforte F 2,00m**

Attachable frame F 2.00m

pintado de azul  
comprimento: 394 cm**451,0 580501000****Fuso dianteiro para contraforte**

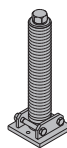
Front spindle for supp. construction frame



galvanizado

**8,5 580508000****Fuso traseiro para contraforte**

Rear spindle for supp. construction frame



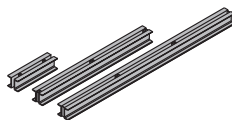
galvanizado

**18,3 580515000****Perfil para ancoragem 0,70m**

Perfil para ancoragem 1,95m

Perfil para ancoragem 2,95m

Anchor waling

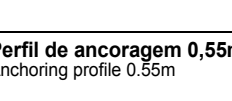


pintado de azul

**27,0 580517000****76,3 580545000****110,0 580546000****Perfil multi-uso WU12 Top50 2,00m**

Perfil multi-uso WU12 Top50 3,00m

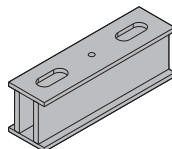
Multi-purpose waling WU12 Top50



pintado de azul

**50,0 580022000****75,7 580024000****Perfil de ancoragem 0,55m**

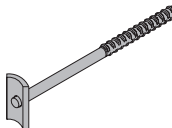
Anchoring profile 0.55m



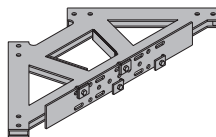
pintado de azul

**44,5 582904000****Ancoragem para posicionamento de perfil**

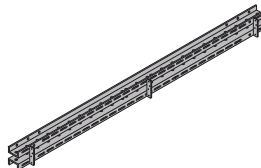
Anchor waling positioner

galvanizado  
comprimento: 31 cm**0,62 580539000****Tala de canto para contraforte**

Corner plate supporting constr. frame

pintado de azul  
comprimento: 92 cm  
largura: 92 cm**44,4 580518000****Perfil de fachada WS10 2,50m**

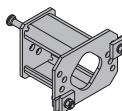
Facade waling WS10 2.50m



pintado de azul

**50,0 580692000****Espaçador de apoio 20cm**

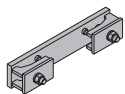
Supporting construction distancer 20cm

galvanizado  
comprimento: 25 cm  
largura: 19 cm  
altura: 20 cm**9,4 580519000**

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**Grampo distanciador de apoio contraforte 20cm** 5,0 582920000  
Clamp for supp. constr. distancer 20cm



galvanizado  
comprimento: 36 cm  
largura: 7 cm

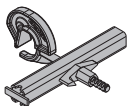
**Roda fixavel 200**  
Attachable roller 200



pintado de azul  
altura: 38 cm

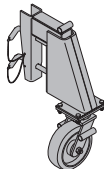
19,3 580538000

**Garra de suporte 9-15cm** 2,7 580625000  
Waling-to-bracket holder 9-15cm



galvanizado

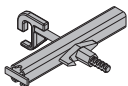
**Roda fixavel 250**  
Attachable roller 250



pintado de azul  
altura: 78 cm

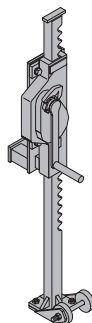
47,0 580537000

**Garra de suporte** 2,5 580526000  
Waling-to-bracket holder



galvanizado  
comprimento: 26 cm  
altura: 31 cm

**Macaco com dispositivo de translação**  
Winch with transport device

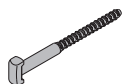


pintado de azul  
altura: 127 cm  
Atenção às instruções de serviço!

37,0 580541000

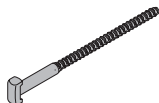
CE

**Parafuso universal Framax 10-16cm** 0,60 588158000  
Framax universal fixing bolt 10-16cm



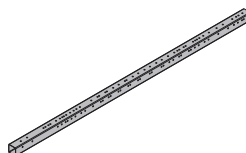
galvanizado  
comprimento: 26 cm

**Parafuso universal Framax 10-25cm** 0,69 583002000  
Framax universal fixing bolt 10-25cm



galvanizado  
comprimento: 36 cm

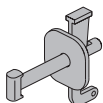
**Perfil deslizante F 2,00m frontal**  
Travelling profile F 2.00m front



galvanizado  
comprimento: 600 cm

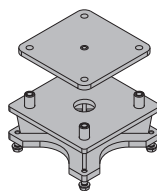
180,0 582925000

**Grampo de cunha Framax** 1,5 588152000  
Framax wedge clamp



galvanizado  
comprimento: 21 cm

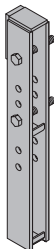
**Conector roda F 2,00m frontal**  
Wheel connector F 2.00m front



galvanizado  
comprimento: 30 cm  
largura: 30 cm  
altura: 16,5 cm

33,7 582926000

**Conector para contraforte Framax** 15,0 580506000  
Framax supporting construct. frame connector



pintado de azul  
altura: 77 cm

**Fixador maxilar F 2,00m**  
Clamping jaw F 2.00m



galvanizado  
comprimento: 12,5 cm

0,82 582927000

**Parafuso para contraforte Framax 36cm** 0,62 580505000  
Framax supporting construct. frame bolt 36cm



galvanizado

**Placa de fixação F 2,00m**  
Clamping plate F 2.00m



galvanizado  
comprimento: 24 cm

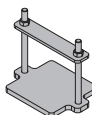
3,5 582928000

**Placa de pressão Framax 6/15** 0,80 588183000  
Framax pressure plate 6/15



galvanizado

**Compensação intermediária F 2,00m**  
Intermediate plate F 2.00m



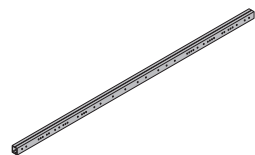
galvanizado  
comprimento: 25 cm  
largura: 18 cm

6,0 582929000

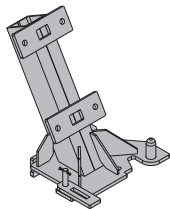
[kg] Artikel nr.

**Perfil deslizante F 2,00m traseiro**

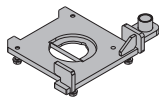
Travelling profile F 2.00m rear

**187,5 582930000**galvanizado  
comprimento: 574 cm**Conector roda F 2,00m traseiro**

Wheel connector F 2.00m rear

**44,5 582931000**galvanizado  
altura: 61,5 cm**Placa de conexão F 2,00m**

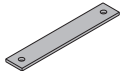
Connection plate F 2.00m

**15,8 582932000**galvanizado  
comprimento: 44,1 cm  
largura: 35,7 cm**Parafuso de placa F 2,00m**

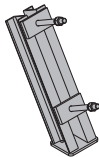
Bolting plate F 2.00m

**2,9 582933000**galvanizado  
comprimento: 20 cm**Placa de união F 2,00m**

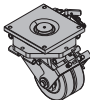
Connection plate F 2.00m

**2,3 582934000**galvanizado  
comprimento: 42 cm**Gancho para içamento F 2,00m traseiro**

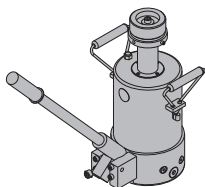
Lifting bracket F 2.00m rear

**14,0 582935000**galvanizado  
altura: 48,6 cm**Roda de alta capacidade 90kN**

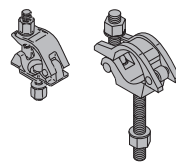
Heavy duty wheel 90kN

**85,0 582921000**galvanizado  
altura: 38 cm**Macaco de desfôrma SL-1 250kN**

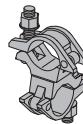
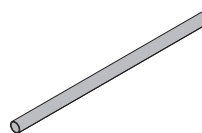
Lowering cylinder SL-1 250kN

**27,2 582870000**pintado de azul  
altura: 28-56 cm  
Atenção às instruções de serviço!**Abraçadeira de aparafusar 48mm 50**

Screw-on coupler

**0,84 682002000**galvanizado  
tamanho de chave: 22 mm**Abraçadeira giratória 48mm**

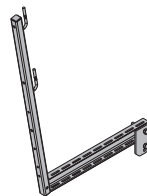
Swivel coupler 48mm

**1,5 582560000**galvanizado  
tamanho de chave: 22 mm**Tubo de contraventamento 48,3mm 0,50m****1,7 682026000****Tubo de contraventamento 48,3mm 1,00m****3,6 682014000****Tubo de contraventamento 48,3mm 1,50m****5,4 682015000****Tubo de contraventamento 48,3mm 2,00m****7,2 682016000****Tubo de contraventamento 48,3mm 2,50m****9,0 682017000****Tubo de contraventamento 48,3mm 3,00m****10,8 682018000****Tubo de contraventamento 48,3mm 3,50m****12,6 682019000****Tubo de contraventamento 48,3mm 4,00m****14,4 682021000****Tubo de contraventamento 48,3mm 4,50m****16,2 682022000****Tubo de contraventamento 48,3mm 5,00m****18,0 682023000****Tubo de contraventamento 48,3mm 5,50m****19,8 682024000****Tubo de contraventamento 48,3mm 6,00m****21,6 682025000****Scaffold tube 48.3mm****3,6 682001000**

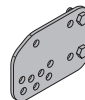
galvanizado

**Console de concretagem MF75**

Screw-on access bracket MF75

**19,0 580669000**galvanizado  
comprimento: 113 cm  
altura: 152 cm**Placa giratória MF**

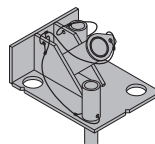
Swivel plate MF

**4,5 580672000**galvanizado  
comprimento: 29 cm  
altura: 20 cm**Cabo de içamento 3,50m**

Crane sling 3.50m

**8,8 580461000**diâmetro: 16 cm  
Atenção às instruções de serviço!**Placa de teste ancoragem inclinada 15,0/20,0**

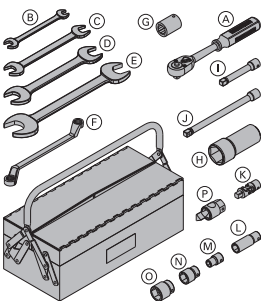
Testing truss for diagonal anchors 15.0/20.0

**13,5 580514000**galvanizado  
comprimento: 32 cm  
largura: 25 cm  
altura: 19 cm

**Caixa de ferramentas universal 15,0**

Universal tool box 15.0

Incluído no volume de fornecimento:

**(A) Chave de soquete 1/2"**galvanizado  
comprimento: 30 cm**(B) Chave fixa 13/17****(C) Chave fixa 22/24****(D) Chave fixa 30/32****(E) Chave fixa 36/41****(F) Chave fixa 17/19****(G) Soquete 22****(H) Chave com soquete 41****(I) Extensão 11cm 1/2"****(J) Extensão 22cm 1/2"****(K) Cardan****(L) Soquete 19 1/2" L****(M) Soquete 13 1/2"****(N) Soquete 24 1/2"****(O) Soquete 30 1/2"****(P) Chave para cone de posicionamento 15,0 DK**galvanizado  
comprimento: 8 cm  
tamanho de chave: 30 mm

9,1 580392000

0,73 580580000

0,08 580577000

0,22 580587000

0,80 580897000

1,0 580586000

0,27 580590000

0,31 580589000

0,99 580585000

0,20 580581000

0,31 580582000

0,16 580583000

0,16 580598000

0,06 580576000

0,12 580584000

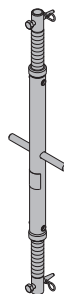
0,20 580575000

0,30 580579000

**Tensor de regulagem T6 100/150cm**

Spindle strut T6 100/150cm

galvanizado

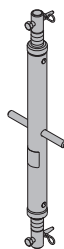


12,5 584323000

**Tensor de regulagem T7 100/150cm**

Spindle strut T7 100/150cm

galvanizado

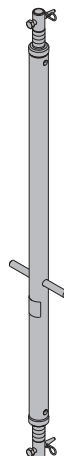


16,8 584309000

**Tensor de regulagem T7 200/250cm**

Spindle strut T7 200/250cm

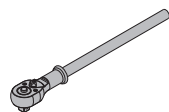
galvanizado



26,2 584325000

**Chave de soquete 3/4"**

Reversible ratchet 3/4"

galvanizado  
comprimento: 50 cm

1,5 580894000

**Soquete 46 3/4"**

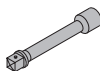
Hexagon spanner head 46 3/4"

0,70 580512000

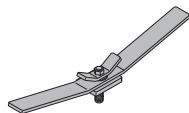
**Extensão 20cm 3/4"**

Extension 20cm 3/4"

0,68 580683000

**Chave para cone de posicionamento 20,0**

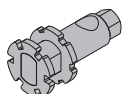
Cone spanner 20.0

galvanizado  
comprimento: 57 cm

3,5 581471000

**Chave para extração de cone**

Clearance-cone dismantling tool

galvanizado  
comprimento: 10,7 cm  
tamanho de chave: 24 mm

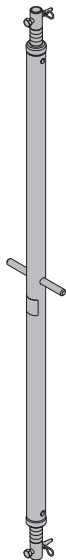
0,67 581864000

[kg] Artikel nr.

**Tensor de regulagem T7 250/300cm**

Spindle strut T7 250/300cm

galvanizado



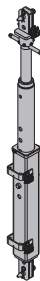
**29,4 584326000**

[kg] Artikel nr.

**Tensor de regulagem SL-1 T16 140/225cm**

Spindle strut SL-1 T16 140/225cm

galvanizado



**87,8 582872000**

**Tensor de regulagem SL-1 T16 220/375cm**

Spindle strut SL-1 T16 220/375cm

galvanizado

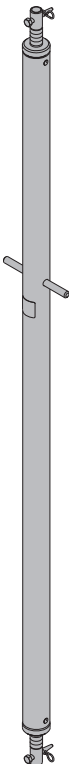


**123,0 582874000**

**Tensor de regulagem T10 350/400cm**

Spindle strut T10 350/400cm

galvanizado

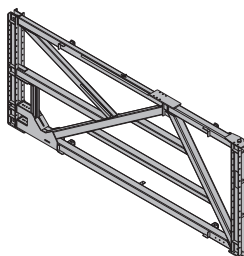


**57,5 584328000**

**Extensão de contraforte F 2,40m**

Attachable frame F 2.40m

pintado de azul  
comprimento: 576 cm

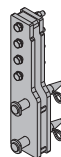


**1107,0 582901000**

**Tala de união F 2,40m**

Stacking plate F 2.40m

pintado de azul  
altura: 63,5 cm

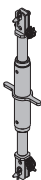


**32,5 582902000**

**Tensor de regulagem SL-1 T16 100/140cm**

Spindle strut SL-1 T16 100/140cm

galvanizado

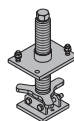


**54,1 582871000**

**Fuso de regulagem para contraforte F 2,40m**

Spindle for attachable frame F 2.40m

galvanizado  
altura: 47,5 cm



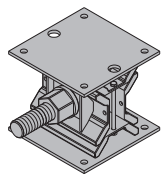
**20,1 582903000**

[kg] Artikel nr.

[kg] Artikel nr.

**Cunha de desforma 1000kN**

Lowering wedge 1000kN

**53,5 582905000**

pintado de azul  
altura: 18,2 - 27,2 cm

**Chave fixa tubular 80**

Ring spanner 80

**3,8 582906000**

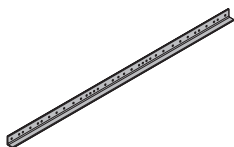
galvanizado  
comprimento: 62,4 cm

**Perfil de contraventamento 2,95m**

Bracing profile 2.95m

**42,5 582907000**

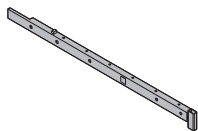
pintado de azul

**Perfil plataforma 1,00m para contraforte**

Platform profile 1.00m f. supp. constr. frame

**10,7 582908000**

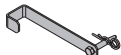
galvanizado  
comprimento: 147,5 cm

**Trava de segurança para plataforma**

Extension safety clamp for platform profile

**1,7 582909000**

galvanizado  
comprimento: 38,4 cm

**Montante de guarda-corpo 1,00m**

Handrail post 1.00m

**3,8 584335000**

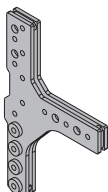
galvanizado  
comprimento: 124 cm

**Tala em T para contraforte**

T plate for supporting construction frame

**29,8 582910000**

pintado de azul  
comprimento: 74,6 cm

**Pino de união SL-1 D32 100**

Connecting pin SL-1 D32 100

**1,0 582885000**

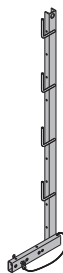
galvanizado  
comprimento: 17 cm

**Montante para guarda-corpo T 1,80m**

Handrail post T 1.80m

**17,7 584373000**

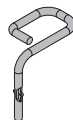
galvanizado

**Suporte para rodapé T 1,80m**

Toeboard holder T 1.80m

**0,53 584392000**

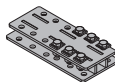
galvanizado  
altura: 13,5 cm

**Reforço intermédio para contraforte**

Intermediate flange for supp. constr. frame

**16,2 582911000**

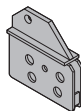
pintado de azul  
comprimento: 42,7 cm

**Base de suporte WU16**

Supporting shoe WU16

**8,3 582912000**

pintado de azul  
comprimento: 26,5 cm

**Sapata de pressão T7/T16**

Pressure shoe T7/T16

**18,5 582913000**

pintado de azul  
altura: 72,5 cm

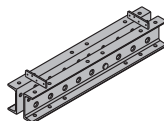
**Perfil multi-uso SL-1 WU16 1,00m**

Multi-purpose waling SL-1

**35,0 582877000**

Multi-purpose waling SL-1

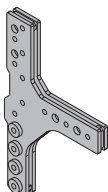
pintado de azul

**Tala em T para contraforte**

T plate for supporting construction frame

**29,8 582910000**

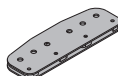
pintado de azul  
comprimento: 74,6 cm

**Tala de união SL-1 WU16 0,75m**

Waling connector SL-1 WU16 0.75m

**31,0 582886000**

galvanizado  
comprimento: 75 cm

**Pino de união SL-1 D32 100**

Connecting pin SL-1 D32 100

**1,0 582885000**

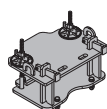
galvanizado  
comprimento: 17 cm

**Conector de roda F 2,40m**

Wheel connector F 2.40m

**45,0 582922000**

galvanizado  
comprimento: 49 cm  
largura: 36 cm  
altura: 25 cm

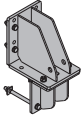


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**Console perfil deslizante F 2,40m**

**31,0 582924000**

Travelling profile bracket F 2.40m



galvanizado  
comprimento: 28,5 cm  
largura: 22 cm  
altura: 48,2 cm

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**Doka Sistemas de segurança**

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**Plataformas de trabalho e protecção, segurança e acesso encontra no capítulo "Sistemas-Segurança-Doka"**