



# Clube N – Modelismo Ferroviário

<https://nclubmodeltrains.pt/>

## Módulos T-TRAK

### Sugestões de locais onde pode adquirir os componentes

#### Lojas com venda de via e material circulante KATO

Nota: Os componentes de via Kato Unitrack, especialmente as retas e curvas mais comuns, são vendidos em carteiras de 2 ou 4 unidades.

Rail Gallery Rokko (Japão)

<https://rg-rokko.com/> (Website Internacional)

<https://www.railgallery-r.com/> (Website Japonês Clássico)

<https://shop.railgallery-r.com/> (Website Japonês Moderno)

Plaza Japan (Japão)

<https://www.plazajapan.com/>

Hobby Search (Japão)

<https://1999.co.jp/eng/> (Website Internacional)

Ami Ami (Japão)

<https://www.amiami.com/eng/>

J-Scale.com (Alemanha)

<https://www.j-scale.com/>

Modellbahnshop-Lippe (Alemanha)

<https://www.modellbahnshop-lippe.com/>

DM-Toys (Alemanha)

<https://www.dm-toys.de/en/index.html>

Spur N Teile (Alemanha)

<https://spur-n-teile.de/>

All American Trains (Alemanha)

<https://aat-net.de/>

Zaratren (Espanha)

<https://zaratren.com/>

Bazar Matey (Espanha)

<https://www.matey.com/>

El Taller del Modelista (Espanha)

<https://www.eltallerdelmodelista.com/pt/>



# Clube N – Modelismo Ferroviário

<https://nclubmodeltrains.pt/>

## Módulos T-TRAK

### Fichas Mini-Tamiya

Componentes da Ficha Mini-Tamiya macho



Ficha Mini-Tamiya macho (Mauser 011-1662)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=011-1662](https://mauser.pt/catalog/product_info.php?products_id=011-1662)

Terminais Mini-Tamiya macho (Mauser 011-1670)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=011-1670](https://mauser.pt/catalog/product_info.php?products_id=011-1670)

Componentes da Ficha Mini-Tamiya fêmea



Ficha Mini-Tamiya fêmea (Mauser 011-1663)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=011-1663](https://mauser.pt/catalog/product_info.php?products_id=011-1663)

Terminais Mini-Tamiya fêmea (Mauser 011-1669)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=011-1669](https://mauser.pt/catalog/product_info.php?products_id=011-1669)

### Fichas Tamiya

Componentes da Ficha Tamiya macho



Ficha Tamiya fêmea (Mauser 011-5018)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=011-5018](https://mauser.pt/catalog/product_info.php?products_id=011-5018)

Terminais Tamiya macho (Mauser 011-5020)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=011-5020](https://mauser.pt/catalog/product_info.php?products_id=011-5020)



## Clube N – Modelismo Ferroviário

<https://nclubmodeltrains.pt/>

### Módulos T-TRAK

#### Componentes da Ficha Tamiya fêmea

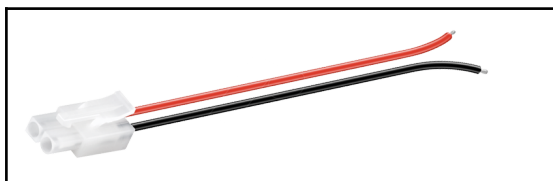


Ficha Tamiya macho (Mauser 011-5019)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=011-5019](https://mauser.pt/catalog/product_info.php?products_id=011-5019)

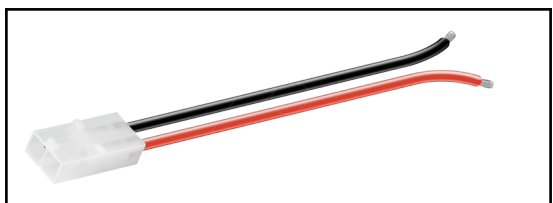
Terminais Tamiya fêmea (Mauser 011-5021)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=011-5021](https://mauser.pt/catalog/product_info.php?products_id=011-5021)



Ficha Tamiya fêmea completa com cabo (Mauser 120-5009)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=120-5009](https://mauser.pt/catalog/product_info.php?products_id=120-5009)



Ficha Tamiya macho completa com cabo (Mauser 120-5003)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=120-5003](https://mauser.pt/catalog/product_info.php?products_id=120-5003)

### Cabos elétricos

Cabo Azul - ø 0,8 mm, 20 metros (Mauser 016-0588)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=016-0588](https://mauser.pt/catalog/product_info.php?products_id=016-0588)

Cabo Branco - ø 0,8 mm, 20 metros (Mauser 016-0595)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=016-0595](https://mauser.pt/catalog/product_info.php?products_id=016-0595)

Cabo Preto/Vermelho - ø 1 mm (Mauser 016-0256)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=016-0256](https://mauser.pt/catalog/product_info.php?products_id=016-0256)

Barra de junção 4mm<sup>2</sup> (Mauser 096-0308)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=096-0308](https://mauser.pt/catalog/product_info.php?products_id=096-0308)

Barra de junção 6mm<sup>2</sup> (Mauser 096-0309)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=096-0309](https://mauser.pt/catalog/product_info.php?products_id=096-0309)



## Clube N – Modelismo Ferroviário

<https://nclubmodeltrains.pt/>

### Módulos T-TRAK

#### Pés niveladores

Pé nivelador



Pé M6X40, diâmetro da cabeça 25mm (Parafuso-Express.pt)

[https://www.parafuso-express.pt/atuador-pneumatico-reglable/23794-99415-pe-atuador-pneumatico-ajustavel-m6x40-diametro-da-cabeca-25.html#/embalagem-100\\_unidades](https://www.parafuso-express.pt/atuador-pneumatico-reglable/23794-99415-pe-atuador-pneumatico-ajustavel-m6x40-diametro-da-cabeca-25.html#/embalagem-100_unidades)

Porca de embutir de dupla rosca para pé nivelador



Porca de embutir dupla rosca M6 12X13 Zamak (Parafuso-Express.pt)

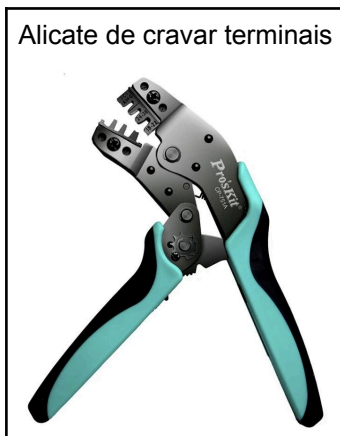
[https://www.parafuso-express.pt/porca-hexagonal-oco-zamack/6917-29018-porca-chave-de-6-m6-12x13-zamak-3663072117006.html#/84-embalagem-100\\_unidades](https://www.parafuso-express.pt/porca-hexagonal-oco-zamack/6917-29018-porca-chave-de-6-m6-12x13-zamak-3663072117006.html#/84-embalagem-100_unidades)

Porca de embutir dupla rosca M6 (Leroy Merlin)

[https://www.leroymerlin.pt/produtos/ferragens/ferragens-de-fixacao/porcas/4-porcas-de-embutir-dupla-rosca-m6-14939813.html?utm\\_source=google&utm\\_medium=cpc&utm\\_campaign=pmax-shopping-ao\\_ferragens\\_ao\\_google&utm\\_content=1p&utm\\_term=&placement=&gad\\_source=1&gclid=CjwKCAiA0rW6BhAcEiwAQH28lvE1zwH3fMT0SGqkG0QXTMxOgw925emgNpfXzGcH4wRyJsAsAvGPZhoCILUQAvD\\_BwE](https://www.leroymerlin.pt/produtos/ferragens/ferragens-de-fixacao/porcas/4-porcas-de-embutir-dupla-rosca-m6-14939813.html?utm_source=google&utm_medium=cpc&utm_campaign=pmax-shopping-ao_ferragens_ao_google&utm_content=1p&utm_term=&placement=&gad_source=1&gclid=CjwKCAiA0rW6BhAcEiwAQH28lvE1zwH3fMT0SGqkG0QXTMxOgw925emgNpfXzGcH4wRyJsAsAvGPZhoCILUQAvD_BwE)

#### Ferramentas

Alicate de cravar terminais



Alicate de cravar terminais não isolados abertos 0.05-1.0mm<sup>2</sup> – Pro'sKit CP-751A (Mauser 096-4200)

[https://mauser.pt/catalog/product\\_info.php?products\\_id=096-4200](https://mauser.pt/catalog/product_info.php?products_id=096-4200)