



## **ATK09 MULTIPURPOSE LOCK**

A solid designed locking device **MULTIPLE APPLICATIONS**, Consists of a head top where a rotary latch is located. It functions by the action of a high-security cylinder. At locking position, the device securely and firmly holds the faceplates that are securely fastened to the elements to be locked.

Ten sheets of technical information are attached.

*(The illustrations show a typical application, in which the rear doors of a van are securely locked)*

## **ATK09, MULTIPURPOSE LOCK**

This locking device comprises a common locking head in all versions; The tubular key cylinder can be with the same combination of any other device with tubular key to our current production range. This means that we can supply with the same key combination, one or several different **ATK09** models as well as for any other devices or other models from our catalogue. Its use is very wide, some examples are: **Locksmith Work, Aluminium Work, Auxiliary or Pedestrian access doors in Industrial Warehouses, Sliding doors and folding Security Gates, Swing doors, Garden Gates and Railings, Delivery- Van-Doors, Automatic Product Dispensers at Petrol Stations, Shopping Centres, Etc.**, in addition to many other possible applications.

Providing each ATK09 device is composed of: The locking head, two laminated faceplates, four sets of threaded studs and tamper-proof breakable head nuts for fastening the faceplates, a sticker with template functions for ease of installation. Locks supplied singly come in individual packaging containing: The warranty certificate and identification card key combination.

The nine available models of fastening laminated faceplates and their working dimensions are indicated in the technical white papers PFD09\_01 and PFD09\_02. The reference code of each model is indicated in the box above the relevant drawing. Underneath the drawing is a cross-sectional diagram of the faceplate shown through the lock orifices with the locking head. A front view of the faceplate is illustrated below that. The reference codes of the nine faceplate models are: **PFD091E, PFD094E, PFD092M, PFD092I, PFD093E, PFD093M, PFD093I, PFD0924 and PFD0934.**

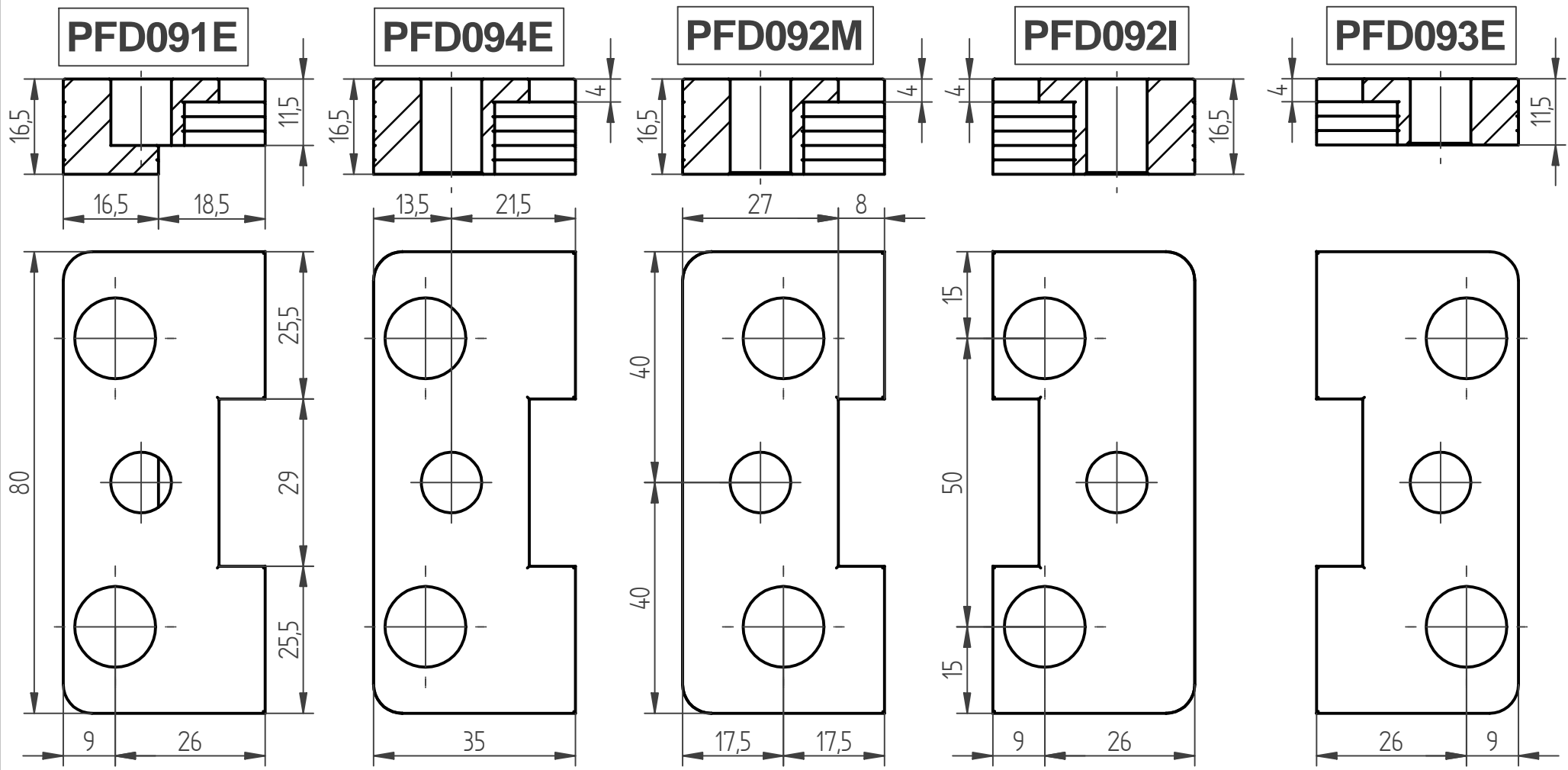
The following combinations have been adopted as standard configurations:

- **AT109\*\***, The “**DOUBLE-LEAF**” set, made up of faceplates ref. PFD092M and PFD01E; It is used in aluminium work and can be adapted to profiles where one door has an edge that overlaps an adjacent door.
- **AT209\*\***, The “**LEAF AND FRAME**” set, made up of faceplates ref. PFD092I and PFD093E, It is used in aluminium work and can be adapted to profiles where there is a difference of approximately 5 m/m between the door leaf and the edge that overlaps the frame. It has also proved to be very useful for iron work, e.g. auxiliary doors and for pedestrian's doors in industrial warehouses.
- **AT309\*\***, The “**WIDE GATE**” set, made up of two faceplates ref. PFD093M, It is used in folding and security gates, sliding doors, doors on lorries and delivery vans, containers, fuel-dispensing machines, drink dispensers, etc.
- **AT409\*\***, The “**NARROW GATE**” set, made up of two ref. PFD093I, faceplates. It is used in similar situations to model **AT309\*\***, Where the fastening holes need to be closer together.
- **AT509\*\***, This set is made up of two faceplates ref. PFD0934, 11,5 m/m thick with four holes each and it comes with eight pins of M-8 x 38 and eight breakable head nuts, ensuring greater strength in setting the faceplates in their anchorage places.
- **AT609\*\***, This set is made up of two faceplates ref. PFD0924, 16,5 m/m thick with four holes each and it comes with eight pins of M-8 x 38 and eight breakable head nuts, ensuring greater strength in setting the faceplates in their anchorage places.
- **AT709\*\***, This set is made up of one faceplate ref. PFD0924, 16,5 m/m thick with four holes and one faceplate ref, PFD093E, 11,5 m/m thick with two holes and it comes with six pins of M-8 x 38 and six breakable head nuts.

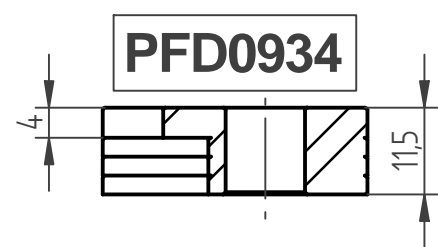
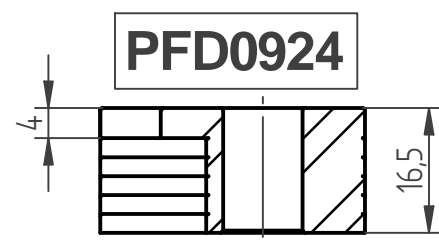
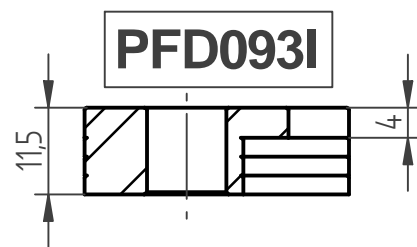
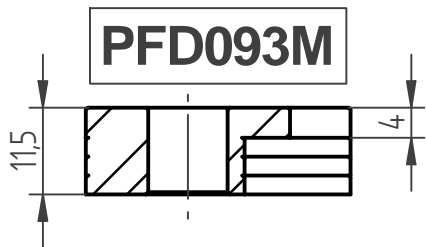
We can also supply any other combinations of the nine faceplates listed above. Owing to the structure of this device, it is **EXTREMELY IMPORTANT TO SCREW THE FASTENING FACEPLATES TIGHTLY ONTO THEIR ANCHORAGE PLACES.**

For the configurations: **AT109\*\***, **AT209\*\***, **AT309\*\*** and **AT409\*\***, each standard lock includes a set of four M-8 x 38 pins and four tamper-proofs nuts with breakable heads for fastening. The working dimensions, depending of the application are shown on the sheet **ACK09**. A self-adhesive template is also included, indicating the situation of the installation holes.

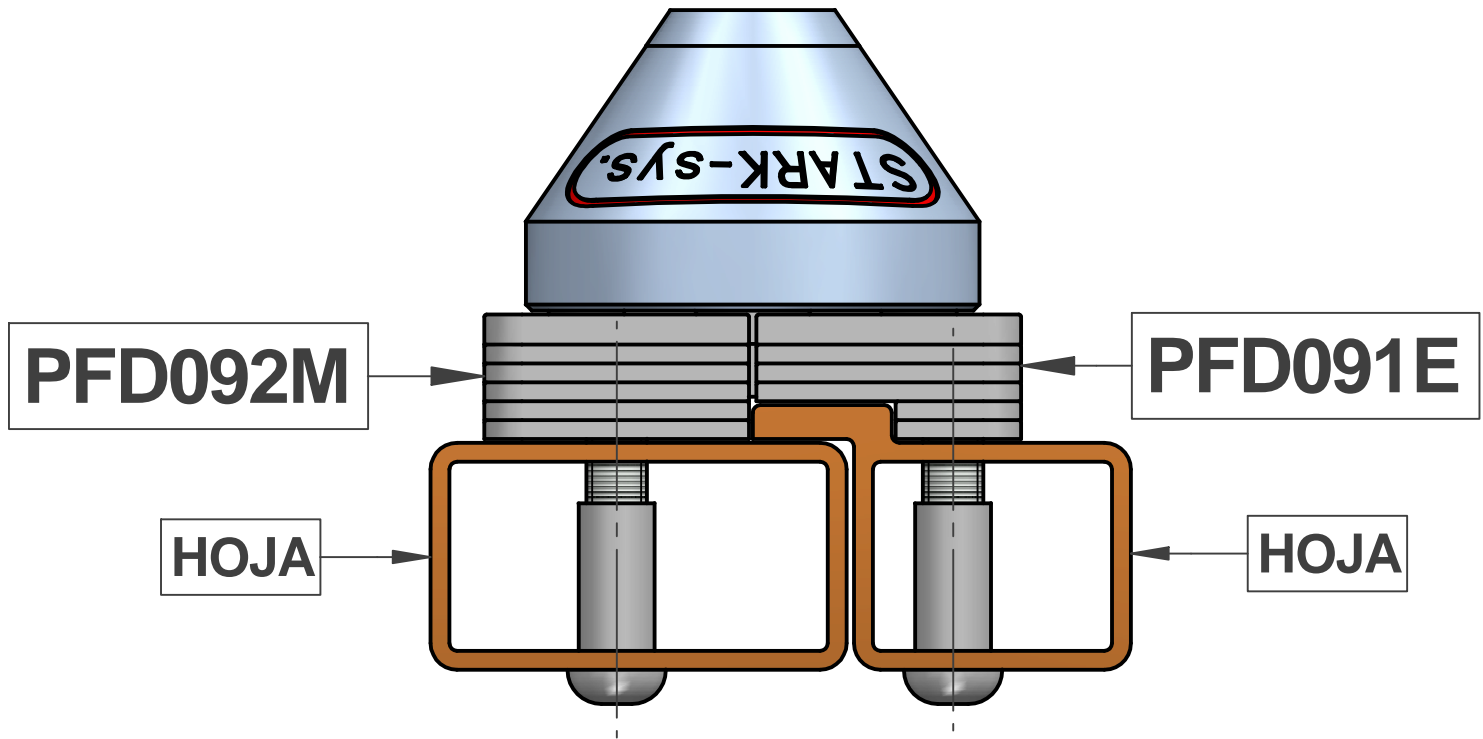
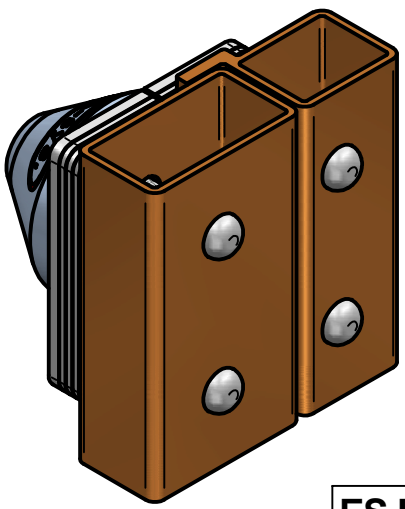
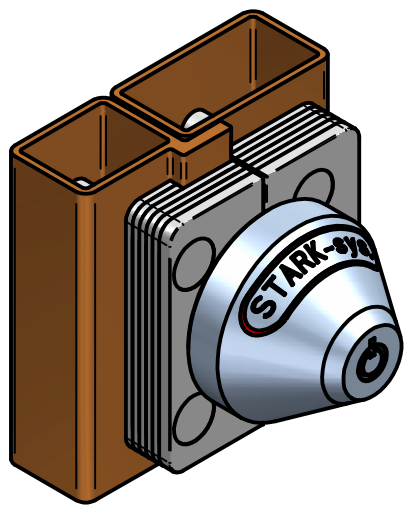
Attached: Technical specifications sheets ref.: **PFD09\_01**, **PFD09\_02**, **AT109\*\***, **AT209\*\***, **AT309\*\***, **AT409\*\***, **AT509\*\***, **AT609\*\***, **AT709\*\*** and **ACK09**.



Denominación <b>PLETINAS DE FIJACION</b>		Cantidad <b>2</b>	Código Pieza/Plano <b>PFD09_01</b>	Conjunto	Escala <b>1 - 1</b>	<b>MECSYD, Ltd.</b> STARK Sys, Security Systems
Material Cinta de Acero Decapada ( DIN 1623 ) de 86 x 38 x 4 y 2,50	Peso Neto	Tolerancias sin Especificar Individualmente		Conjunto	Pletinas de Fijación ATK/APK09	
Dimensiones en Bruto 80 x 35 x 11,5/16,5	Trat. Termico	De Longitud ± 0,050 m/m		Fecha Primer Diseño	02-05-1.995	
Peso en Bruto	Recubrimiento Zincado Blanco 6µ	De Ø ± 0,030 m/m	Angulos ± 0°30'	Fecha Ultima Modificación	25-10-2.011	

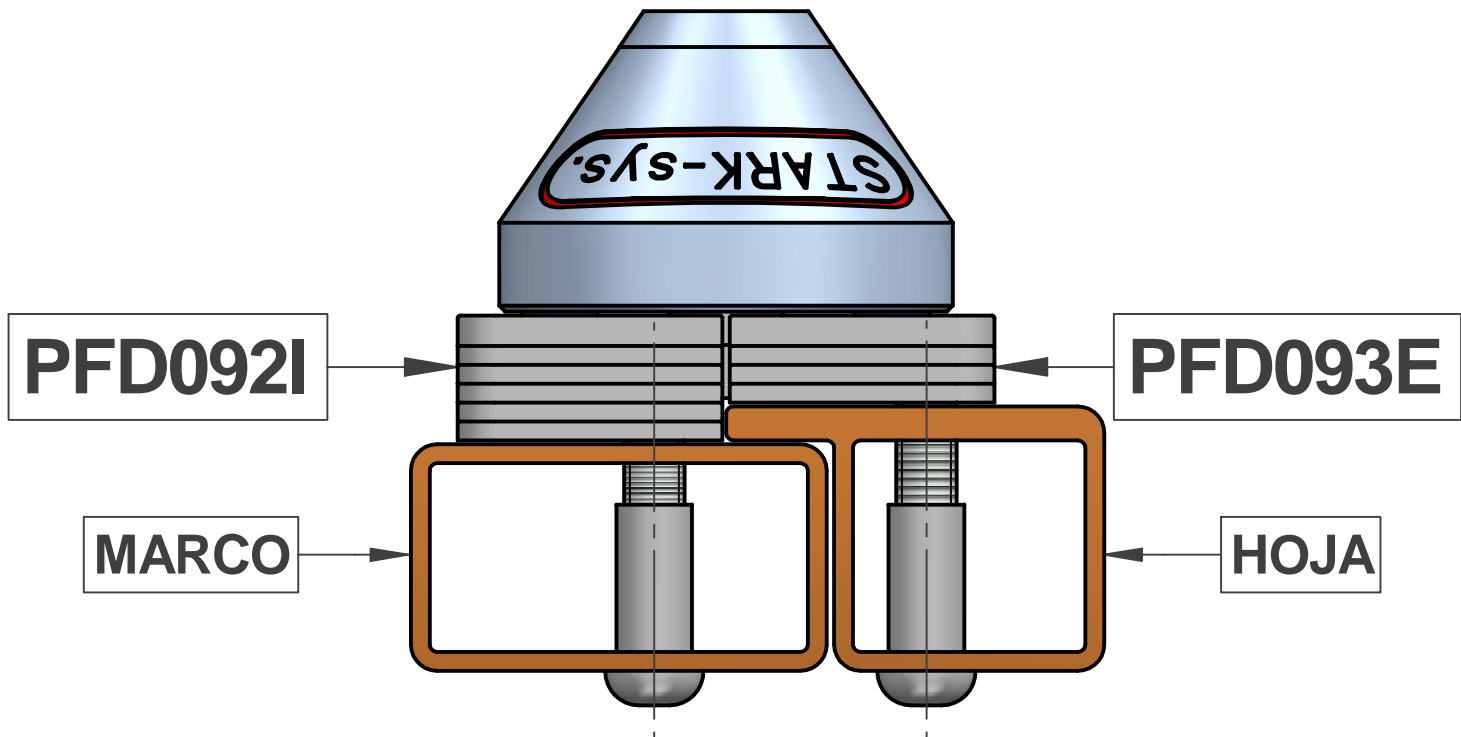
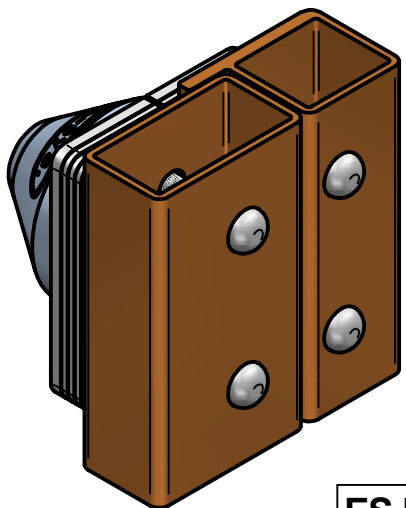
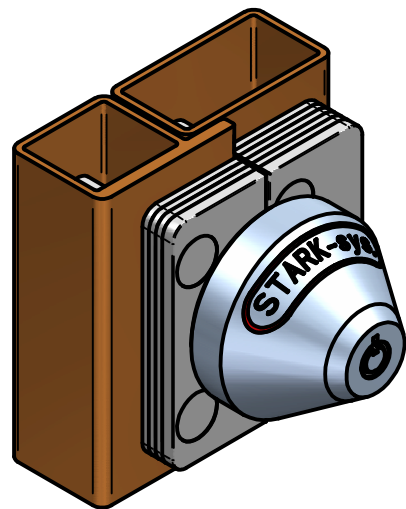


Denominación <b>PLETINAS DE FIJACION</b>		Cantidad <b>2</b>	Código Pieza/Plano <b>PFD09_02</b>	Conjunto	Escala <b>1 - 1</b>	<b>MECSYD, Ltd.</b> STARK Sys, Security Systems
Material Cinta de Acero Decapada ( DIN 1623 ) de 86 x 38 x 4 y 2,50	Peso Neto	Tolerancias sin Especificar Individualmente		Conjunto	Pletinas de Fijación ATK/APK09	
Dimensiones en Bruto 80 x 35 x 11,5/16,5	Trat. Termico	De Longitud ± 0,050 m/m		Fecha Primer Diseño	02-05-1.995	
Peso en Bruto	Recubrimiento Zincado Blanco 6µ	De Ø ± 0,030 m/m	Angulos ± 0°30'	Fecha Ultima Modificación	25-10-2.011	



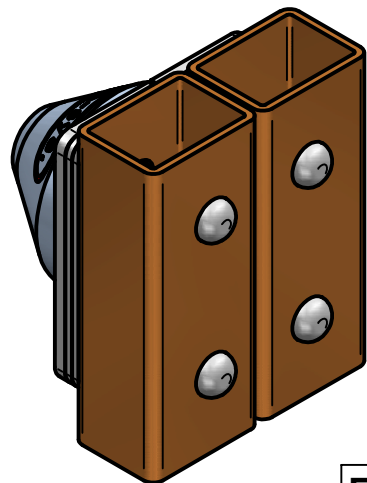
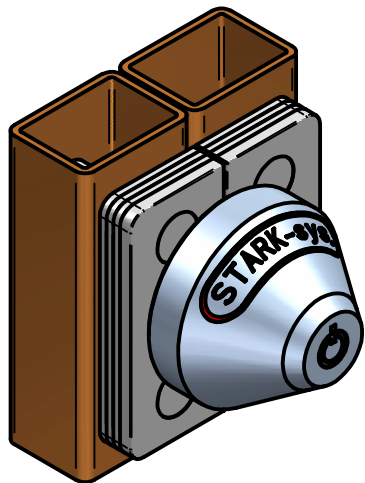
**ES IMPRECINDIBLE ATORNILLAR FIRMEMENTE LAS PLETINAS DE CIERRE A SUS SOPORTES**

Denominación <b>PLETINAS DE FIJACION PFD092M y PFD091E</b>		Cantidad <b>2</b>	Código Pieza/Plano <b>AT109**</b>	Conjunto <b>AT1/AP109**</b>	Escala <b>1 - 1</b>	<b>MECSYD, Ltd.</b> STARK SyS, Security Systems
Material	Peso Neto	Tolerancias sin Especificar Individualmente		Conjunto Pletinas de Fijación ATK/APK09		
Dimensiones en Bruto	Trat. Termico	De Longitud $\pm 0,050$ m/m		Fecha Primer Diseño	02-05-1.995	
Peso en Bruto	Recubrimiento	De $\emptyset$ $\pm 0,030$ m/m	Angulos $\pm 0^{\circ}30'$	Fecha Ultima Modificación	25-06-2.014	

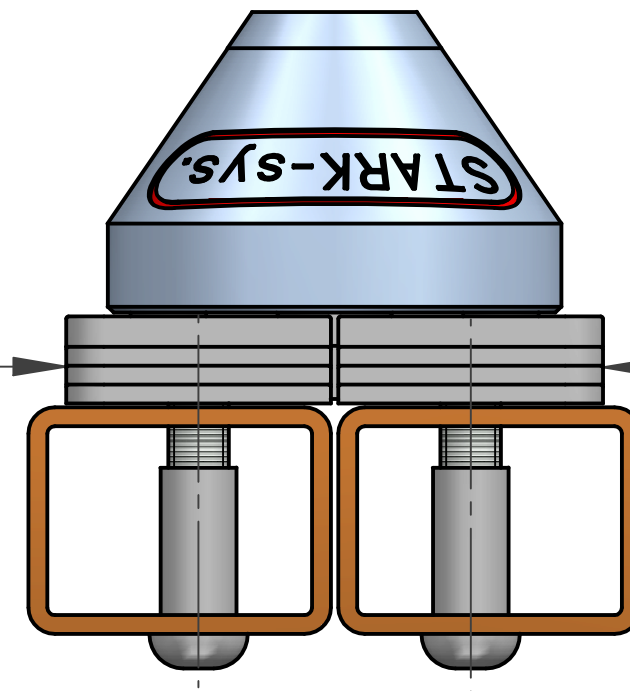


**ES IMPRECINDIBLE ATORNILLAR FIRMEMENTE LAS PLETINAS DE CIERRE A SUS SOPORTES**

Denominación <b>PLETINAS DE FIJACION PFD092I y PFD093E</b>		Cantidad <b>2</b>	Código Pieza/Plano <b>AT209**</b>	Conjunto <b>AT2/AP209**</b>	Escala <b>1 - 1</b>	<b>MECSYD, Ltd.</b> STARK SyS, Security Systems
Material	Peso Neto	Tolerancias sin Especificar Individualmente		Conjunto Pletinas de Fijación ATK/APK09		
Dimensiones en Bruto	Trat. Termico	De Longitud $\pm 0,050$ m/m		Fecha Primer Diseño	02-05-1.995	
Peso en Bruto	Recubrimiento	De $\emptyset$ $\pm 0,030$ m/m	Angulos $\pm 0^{\circ}30'$	Fecha Ultima Modificación	25-06-2.014	



**PFD093M**

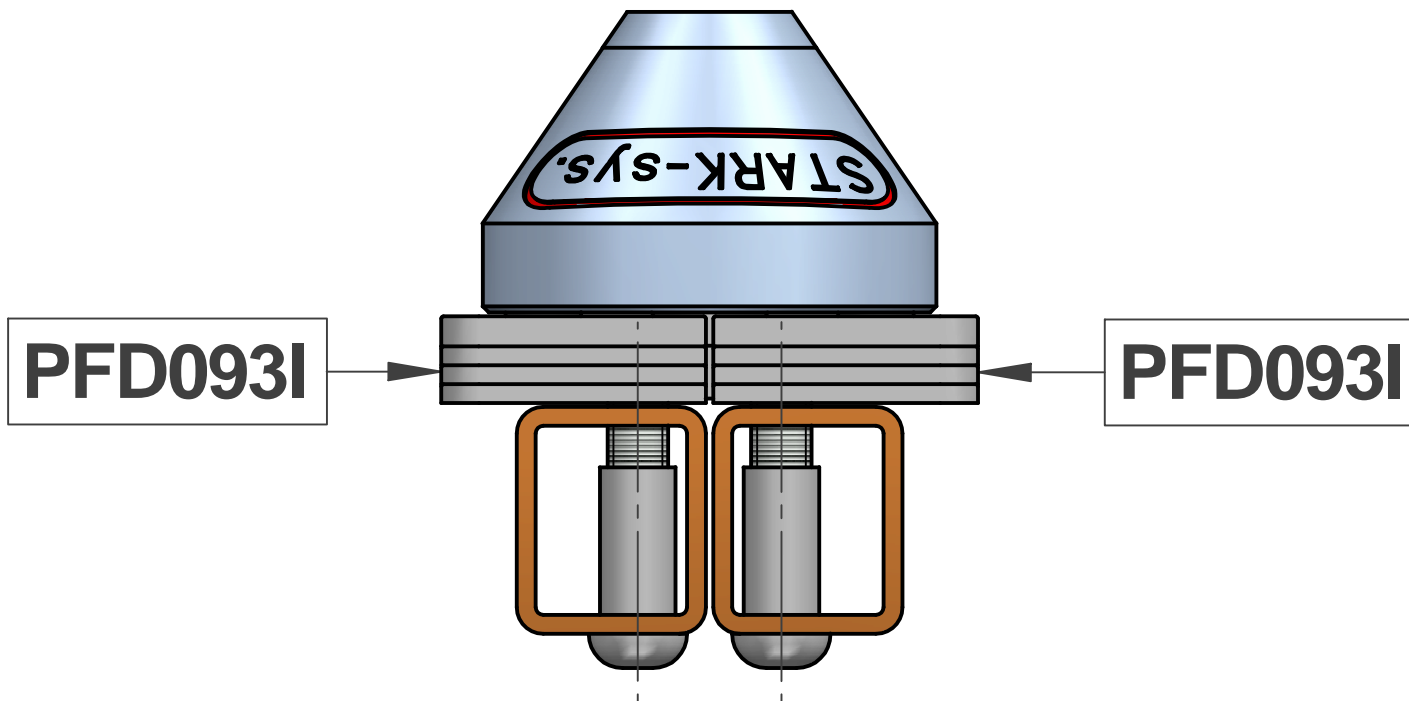
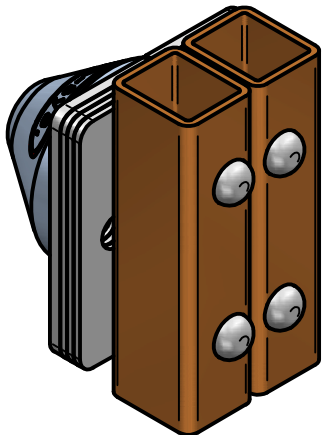
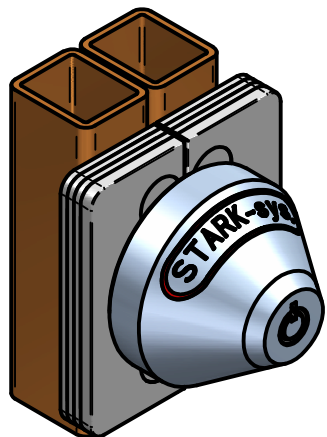


**PFD093M**

**ES IMPRECINDIBLE ATORNILLAR FIRMEMENTE LAS PLETINAS DE CIERRE A SUS SOPORTES**

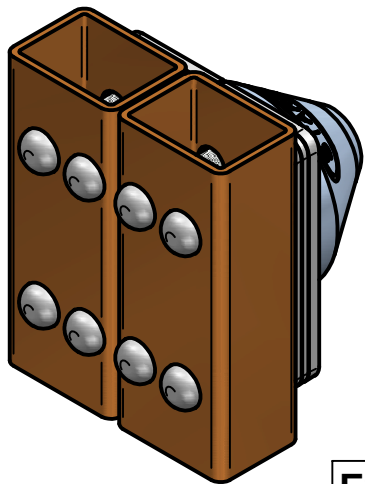
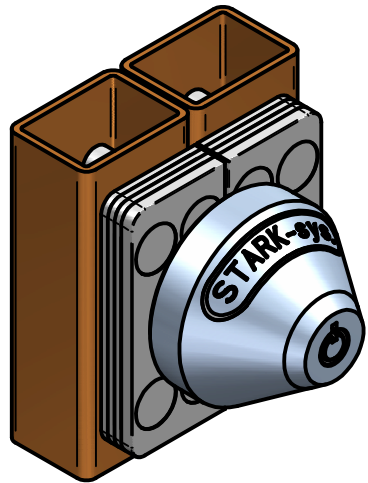
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Material	Peso Neto	Tolerancias sin Especificar Individualmente		Conjunto Pletinas de Fijación ATK/APK09		
Dimensiones en Bruto	Trat. Termico	De Longitud ± 0,050 m/m		Fecha Primer Diseño	02-05-1.995	
Peso en Bruto	Recubrimiento	De Ø ± 0,030 m/m	Angulos ± 0°30'	Fecha Ultima Modificación	25-06-2.014	



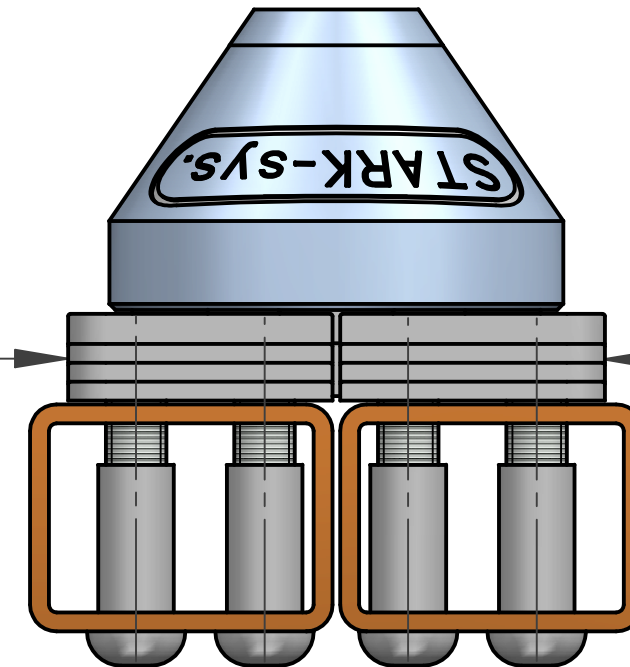


**ES IMPRECINDIBLE ATORNILLAR FIRMEMENTE LAS PLETINAS DE CIERRE A SUS SOPORTES**

Denominación <b>PLETINAS DE FIJACION, 2 PFD093I</b>		Cantidad <b>2</b>	Código Pieza/Plano <b>AT409**</b>	Conjunto <b>AT4/AP409**</b>	Escala <b>1 - 1</b>	<b>MECSYD, Ltd.</b> STARK SyS, Security Systems
Material	Peso Neto	Tolerancias sin Especificar Individualmente		Conjunto Pletinas de Fijación ATK/APK09		
Dimensiones en Bruto	Trat. Termico	De Longitud $\pm 0,050$ m/m		Fecha Primer Diseño	02-05-1.995	
Peso en Bruto	Recubrimiento	De $\varnothing$ $\pm 0,030$ m/m	Angulos $\pm 0^{\circ}30'$	Fecha Ultima Modificación	25-06-2.014	



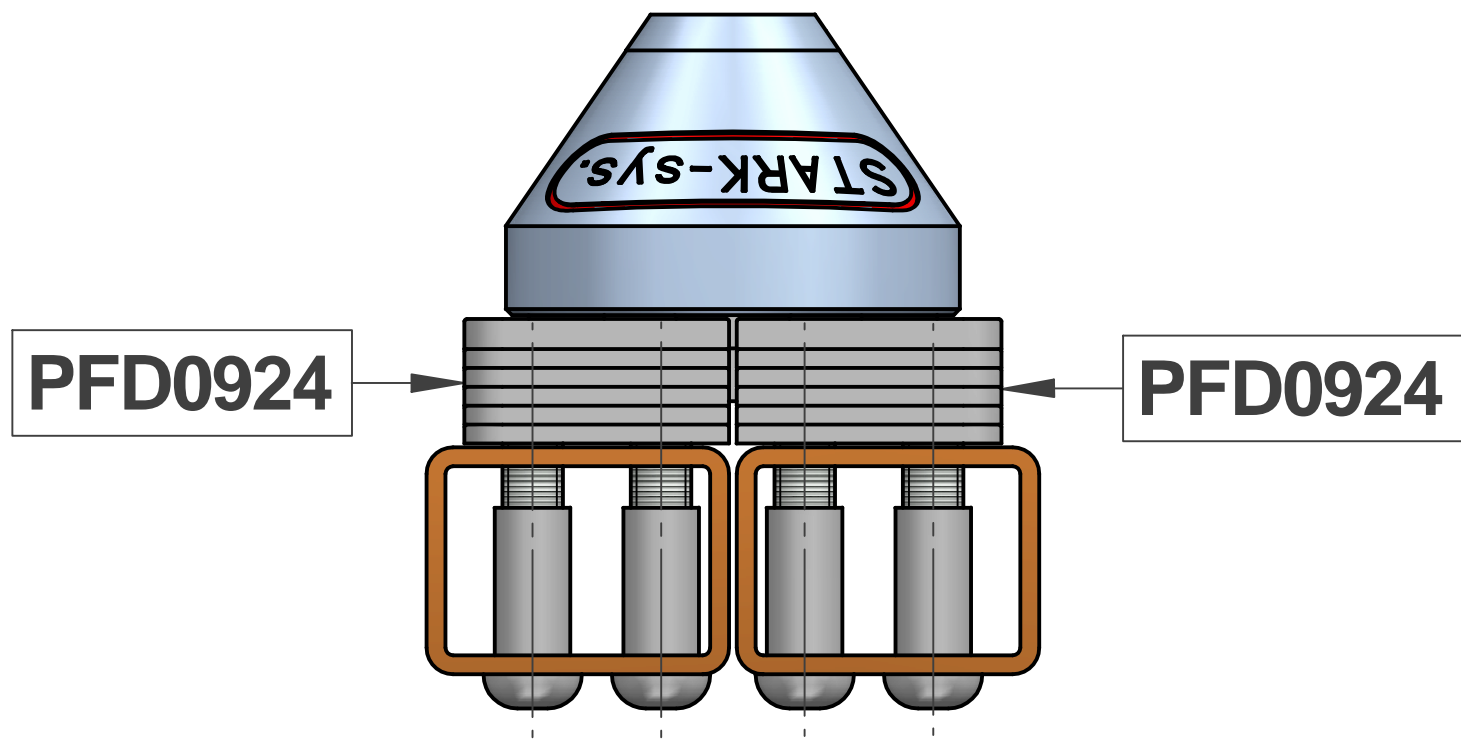
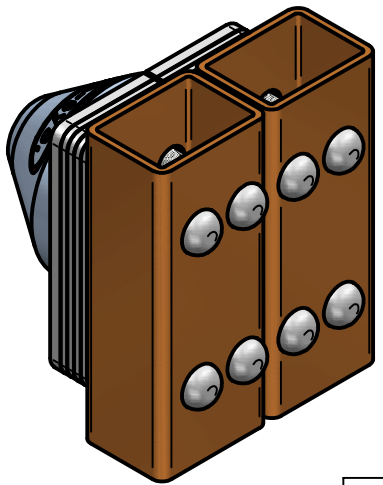
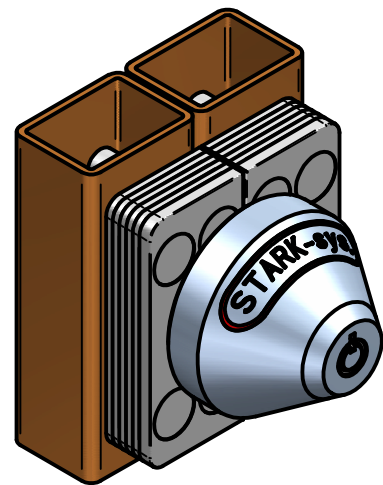
**PFD0934**



**PFD0934**

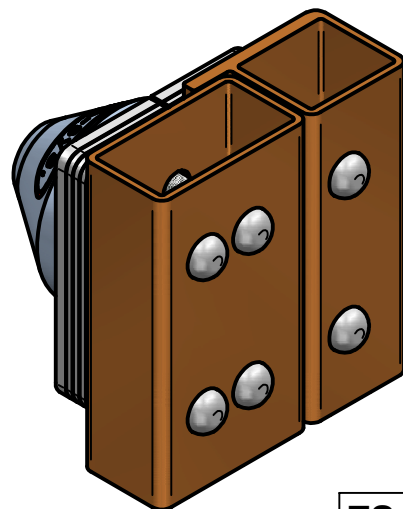
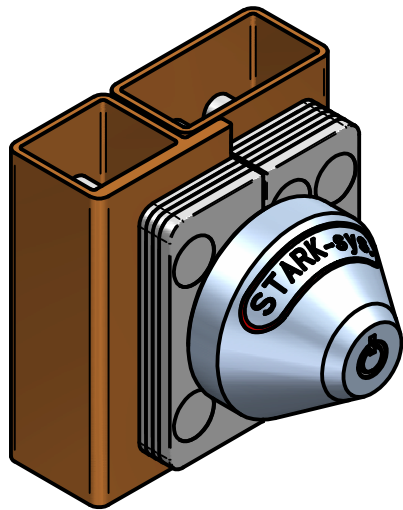
**ES IMPRECINDIBLE ATORNILLAR FIRMEMENTE LAS PLETINAS DE CIERRE A SUS SOPORTES**

Denominación <b>PLETINAS DE FIJACION, 2 PFD0934</b>		Cantidad <b>2</b>	Código Pieza/Plano <b>AT509**</b>	Conjunto <b>AT5/AP509**</b>	Escala <b>1 - 1</b>	<b>MECSYD, Ltd.</b> STARK SyS, Security Systems
Material	Peso Neto	Tolerancias sin Especificar Individualmente		Conjunto Pletinas de Fijación ATK/APK09		
Dimensiones en Bruto	Trat. Termico	De Longitud ± 0,050 m/m		Fecha Primer Diseño	02-05-1.995	
Peso en Bruto	Recubrimiento	De Ø ± 0,030 m/m	Angulos ± 0°30'	Fecha Ultima Modificación	25-06-2.014	

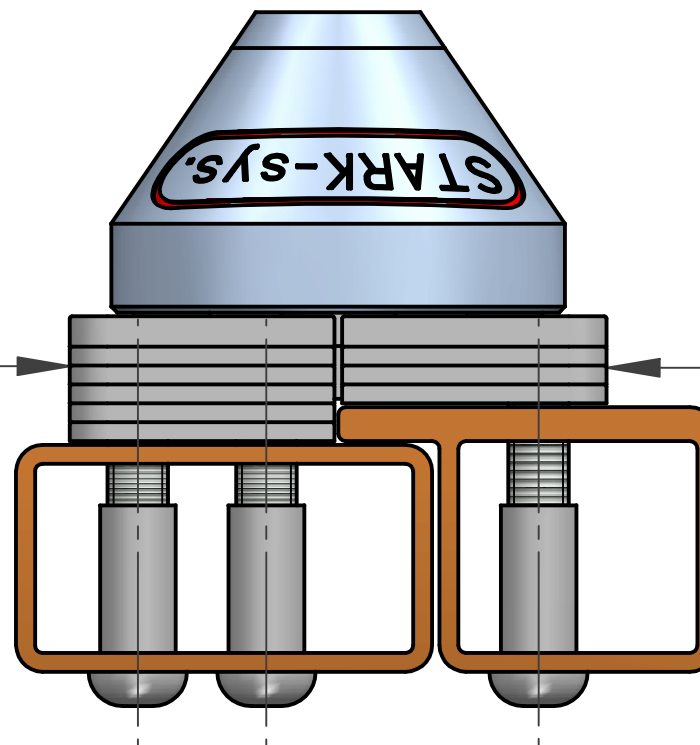


**ES IMPRECINDIBLE ATORNILLAR FIRMEMENTE LAS PLETINAS DE CIERRE A SUS SOPORTES**

Denominación <b>PLETINAS DE FIJACION, 2 PFD0924</b>		Cantidad <b>2</b>	Código Pieza/Plano <b>AT609**</b>	Conjunto <b>AT6/AP609**</b>	Escala <b>1 - 1</b>	<b>MECSYD, Ltd.</b> STARK SyS, Security Systems
Material	Peso Neto	Tolerancias sin Especificar Individualmente		Conjunto Pletinas de Fijación ATK/APK09		
Dimensiones en Bruto	Trat. Termico	De Longitud $\pm 0,050$ m/m		Fecha Primer Diseño	02-05-1.995	
Peso en Bruto	Recubrimiento	De $\emptyset$ $\pm 0,030$ m/m	Angulos $\pm 0^{\circ}30'$	Fecha Ultima Modificación	25-06-2.014	



**PFD0924**



**PFD093E**

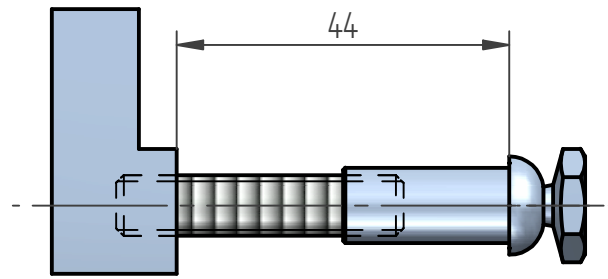
**ES IMPRECINDIBLE ATORNILLAR FIRMEMENTE LAS PLETINAS DE CIERRE A SUS SOPORTES**

Denominación <b>PLETINAS DE FIJACION, PFD0924 y PFD093E</b>		Cantidad <b>2</b>	Código Pieza/Plano <b>AT709**</b>	Conjunto <b>AT7/AP709**</b>	Escala <b>1 - 1</b>	<b>MECSYD, Ltd.</b> STARK SyS, Security Systems
Material	Peso Neto	Tolerancias sin Especificar Individualmente		Conjunto Pletinas de Fijación ATK/APK09		
Dimensiones en Bruto	Trat. Termico	De Longitud $\pm 0,050$ m/m		Fecha Primer Diseño	02-05-1.995	
Peso en Bruto	Recubrimiento	De $\emptyset$ $\pm 0,030$ m/m	Angulos $\pm 0^{\circ}30'$	Fecha Ultima Modificación	25-06-2.014	

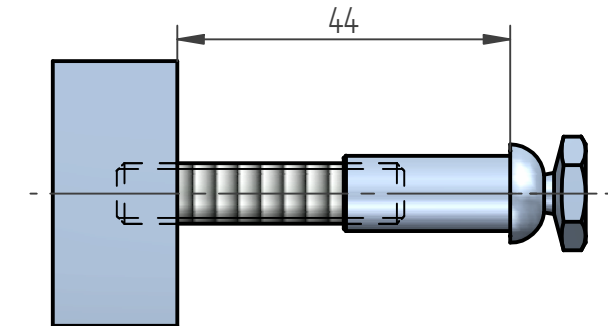
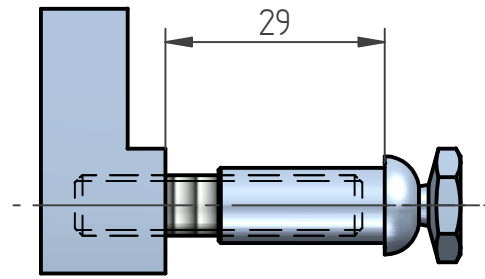
**MAXIMO**

**TIPO DE PLETINA**

**MINIMO**

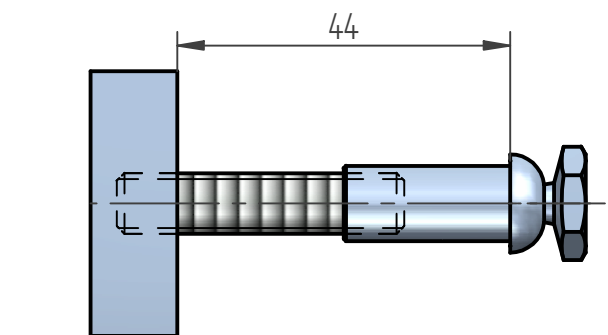
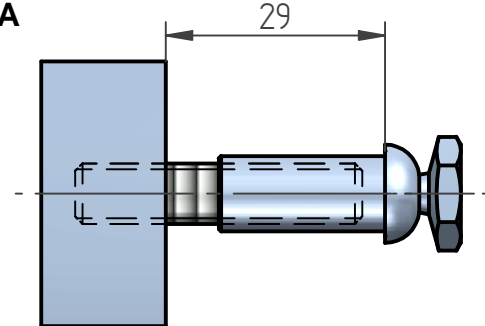


**PDF091E**



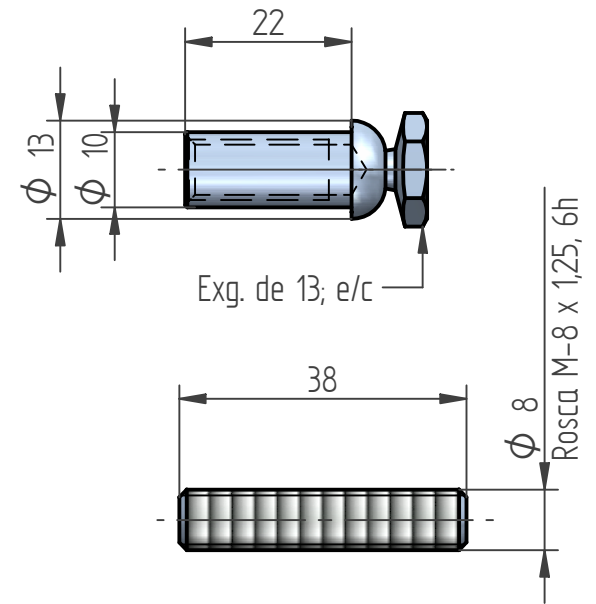
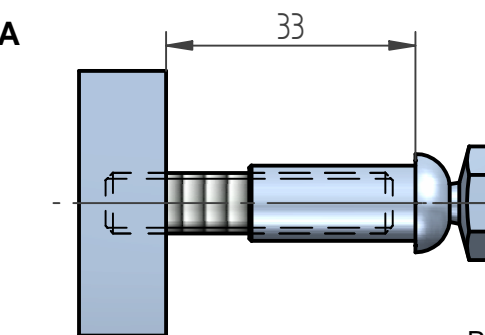
**TIPO DE PLETINA**

**PFD094E**  
**PFD092M**  
**PFD092I**  
**PFD0924**



**TIPO DE PLETINA**

**PFD093E**  
**PFD093M**  
**PFD093I**  
**PFD0934**



Par de Rotura de la Cabeza Tuerca 14~17 N/m aprox.

Denominación <b>JUEGO DE FIJACION</b>		Cantidad <b>2x4</b>	Código Pieza/Plano <b>ACK09</b>	Conjunto <b>ACK09</b>	Escala <b>1 - 1</b>	<b>MECSYD, Ltd.</b> STARK SyS, Security Systems
Material	Peso Neto	Tolerancias sin Especificar Individualmente		Conjunto	Pletinas de Fijación ATK/APK09	
Dimensiones en Bruto	Trat. Termico	De Longitud ± 0,050 m/m		Fecha Primer Diseño	02-05-1.995	
Peso en Bruto	Recubrimiento	Zincado Blanco 6µ	De Ø ± 0,030 m/m	Angulos ± 0°30'	Fecha Ultima Modificación	25-06-2.014