



COMPONENTES
PARA MOBILIARIO
Y EQUIPAMIENTOS
INDUSTRIALES

COMPONENTS
FOR INDUSTRIAL
FURNITURE AND
EQUIPMENT

V.25
CATÁLOGO
CATALOGUE



C/Fedra, 12 · 47195 Arroyo de la Encomienda Valladolid España
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En **Fasten** llevamos más de 20 años transformando la industria con nuestros equipamientos y soluciones modulares. Nacimos con la vocación de simplificar procesos complejos y acompañar a nuestros clientes desde la fase de diseño hasta el montaje final, reduciendo tiempos, costes y complicaciones.

Perfilería a medida:

Sistema modular en aluminio 100% reciclable, versátil y robusto.

Ofrecemos una amplia gama de perfiles de aluminio industrial, adaptados a las necesidades de cada proyecto. Desde estructuras ligeras hasta sistemas de alto rendimiento, nuestras soluciones garantizan precisión, durabilidad y estética.

- Cortes y mecanizados a medida
- Acabados personalizados
- Integración con sistemas existentes

Accesorios:

La conexión perfecta para tu estructura.

Contamos con todos los componentes y accesorios necesarios para completar cualquier sistema modular. Desde uniones, bisagras y ruedas hasta elementos especiales. Calidad, compatibilidad y montaje sencillo para optimizar tus tiempos.

- Amplio catálogo en stock
- Fácil montaje sin soldadura
- Compatibilidad total con nuestra perfilería

Equipamientos:

Soluciones funcionales para entornos exigentes.

Diseñamos y fabricamos mobiliario técnico y estructuras industriales: mesas de trabajo, estaciones de trabajo, carros, protecciones, cerramientos, bastidores, transportadores, vallados, entre otros. Todo a medida y con enfoque ergonómico.

- Adaptados a tus procesos
- Configuraciones personalizadas
- Alta resistencia y seguridad

Diseño e Ingeniería:

Ingeniería aplicada al detalle.

Nuestro equipo técnico trabaja contigo desde la conceptualización hasta la ejecución. Realizamos el diseño CAD, cálculos estructurales y optimización de materiales para garantizar una solución eficiente y funcional.

- Asesoramiento técnico experto
- Proyectos 3D en tiempo récord
- Acompañamiento durante todo el proceso

Llave en mano:

Nos encargamos de todo.

Desde el diseño hasta el montaje final. En FASTEN entregamos soluciones listas para funcionar, ajustadas a tus requisitos técnicos y plazos. Coordinamos cada fase del proyecto para que tú solo te ocupes de ponerlo en marcha.

- Planificación integral
- Montaje
- Garantía de calidad y cumplimiento

Comprometidos con el planeta, nuestros perfiles de aluminio no solo destacan por su durabilidad y diseño, sino también por su sostenibilidad. Son 100% reciclables, lo que los convierte en una opción ecológica y responsable. Además, utilizamos materiales biodegradables como PLA en componentes clave, como las tapetas, reafirmando nuestro compromiso con un futuro más verde.



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At **Fasten**, we've been transforming the industry for over 20 years with our modular equipment and solutions. From the very beginning, our mission has been to simplify complex processes and support our clients from the design phase through to final assembly—reducing time, cost, and complications.

Custom Aluminum Profiles

A modular system made from 100% recyclable aluminum—versatile, strong, and sustainable.

We offer a wide range of industrial aluminum profiles tailored to the needs of each project. From lightweight structures to high-performance systems, our solutions ensure precision, durability, and a clean aesthetic.

- Custom cuts
- Personalized finishes
- Seamless integration with existing systems

Accessories

The perfect connection for your structure.

We supply all the components and accessories needed to complete any modular system—from joints, hinges, and casters to special elements. Quality, compatibility, and easy assembly help optimize your build time.

- Large stock availability
- Easy, weld-free assembly
- Full compatibility with our profiles

Equipment

Functional solutions for demanding environments.

We design and manufacture technical furniture and industrial structures: workbenches, workstations, carts, guards, enclosures, frames, conveyors, fencing, and more. Everything is custom-made with an ergonomic focus.

- Tailored to your processes
- Custom configurations
- High resistance and safety

Design & Engineering

Engineering with attention to detail.

Our technical team works closely with you from concept to execution. We provide CAD design, structural calculations, and material optimization to deliver efficient and functional solutions.

- Expert technical support
- Fast 3D project delivery
- Full assistance throughout the process

Turnkey Solutions

We take care of everything.

From design to final assembly, FASTEN delivers ready-to-use solutions tailored to your technical requirements and deadlines. We coordinate every phase of the project so you can focus on getting it up and running.

- End-to-end planning
- On-site installation
- Guaranteed quality and compliance

Committed to the Planet

Our aluminum profiles are not only known for their durability and design, but also for their sustainability. They are 100% recyclable, making them an eco-friendly and responsible choice. Additionally, we use biodegradable materials such as PLA in key components like end caps—reinforcing our commitment to a greener future.

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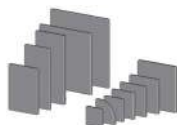


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PERFILES DE ALUMINIO ALUMINIUM PROFILES

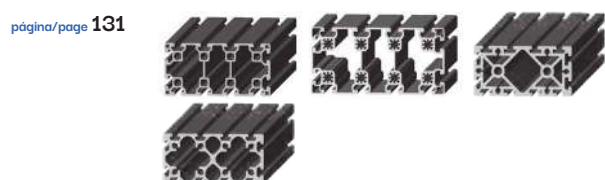
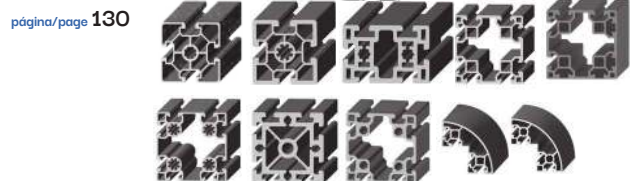
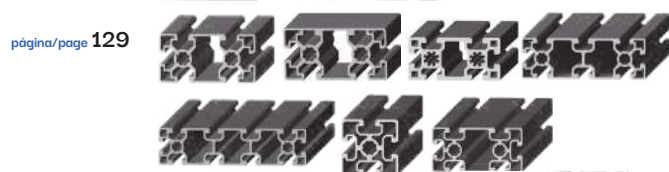
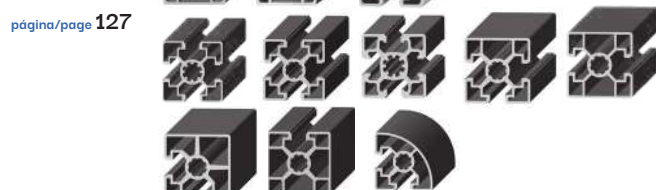
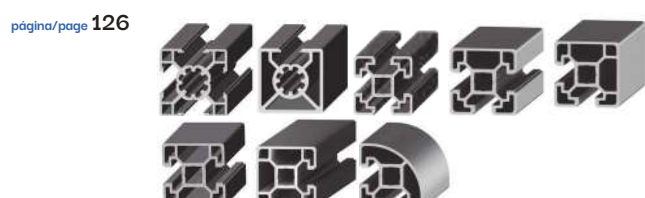
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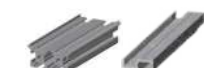
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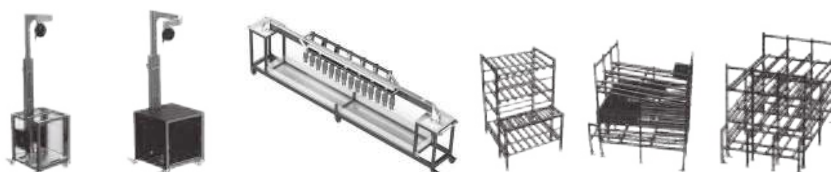
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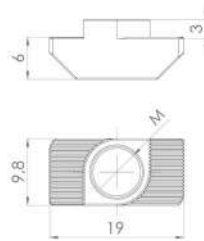
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ELEMENTOS DE FIJACIÓN

FASTENING ELEMENTS



Tuerca cabeza martillo **Acero zincado / Inox**
Hammer head nut **Zinc plated steel / Stainless**



52014	M4	0,008
52015	M5	0,007
52016	M6	0,007
52018	M8	0,006
52016-Inox.	M6	0,007
52018-Inox.	M8	0,006

INOX



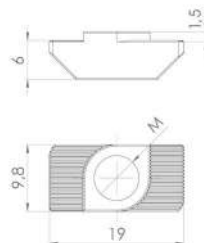
Aplicación

Para fijar elementos a los perfiles con canal de 10 mm. Posibilidad de inserción desde cualquier parte del perfil mediante giro.

Application

Used for the assembly of accessories on profiles with 10 mm slot. Nuts can be inserted sideways along the profile slot.

Tuerca cabeza martillo baja **Acero zincado**
Hammer head nut, low neck **Zinc plated steel**



52064	M4	0,006
52065	M5	0,006
52066	M6	0,005
52068	M8	0,005

.13



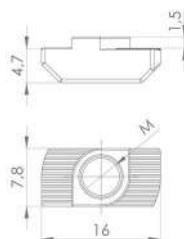
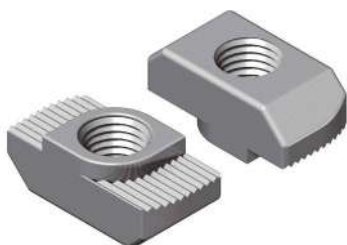
Aplicación

Para fijar elementos a los perfiles con canal de 10 mm y patilla 2 mm. Posibilidad de inserción desde cualquier parte del perfil mediante giro.

Application

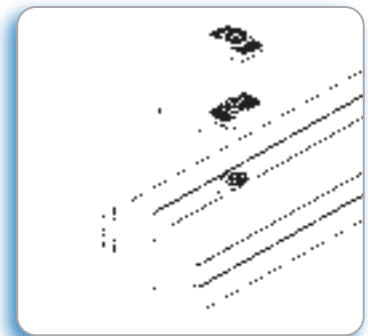
Used for the assembly of accessories on profiles with 10 mm slot and 2mm thickness. Nuts can be inserted sideways along the profile slot.

Tuerca cabeza martillo, canal 8 mm **Acero zincado**
Hammer head nut, 8 mm slot **Zinc plated steel**



52074	M4	0,004
52075	M5	0,003
52076	M6	0,003

.14



Aplicación

Para fijar elementos a los perfiles con canal de 8 mm. Posibilidad de inserción desde cualquier parte del perfil mediante giro.

Application

Used for the assembly of accessories on profiles with 8 mm slot. Nuts can be inserted sideways along the profile slot.

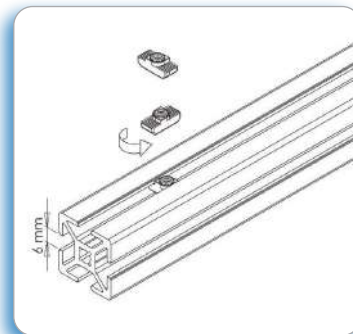


Tuerca cabeza martillo perfil 25 **Acero zincado**
Hammer head nut, profile 25 **Zinc plated steel**



		
5208	M4	0,002

25



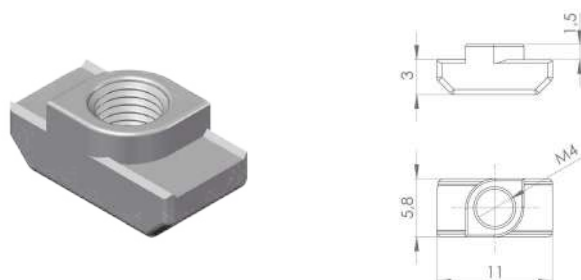
Aplicación

Para fijar elementos a los perfiles serie 25, canal 6 mm. Posibilidad de inserción desde cualquier parte del perfil mediante giro.

Application

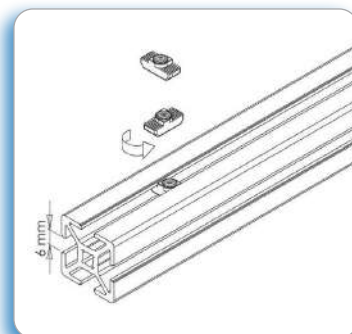
Used for the assembly of accessories on profiles serie 25 with 6 mm slot. Nuts can be inserted sideways along the profile slot.

Tuerca cabeza martillo perfil 20 **Acero zincado**
Hammer head nut, profile 20 **Zinc plated steel**



		
5209	M4	0,001

20



Aplicación

Para fijar elementos a los perfiles serie 20, canal 6 mm. Posibilidad de inserción desde cualquier parte del perfil mediante giro.

Application

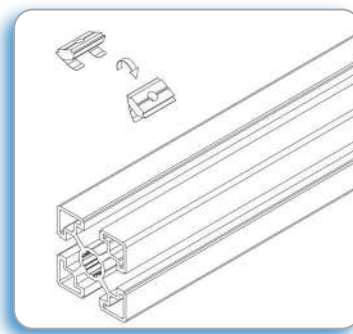
Used for the assembly of accessories on profiles serie 20 with 6 mm slot. Nuts can be inserted sideways along the profile slot.

Tuerca en T con fleje **Acero zincado**
Spring-plate T nut **Zinc plated steel**



		
522440	M4	0,008
522540	M5	0,008
522640	M6	0,007
522840	M8	0,007

15



Aplicación

Para evitar el deslizamiento de la tuerca, ésta posee un fleje flexible, soldado, que muellea. Posibilidad de inserción desde cualquier parte del perfil mediante inclinación a 45°.

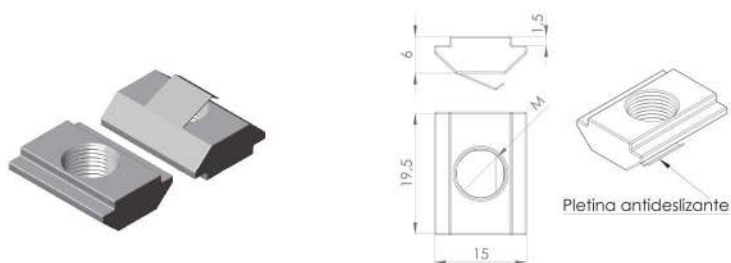
Application

A welded flexible spring leaf prevents the nut from sliding. Nuts can be inserted sideways along the profile slot by swivelling 45°.



Tuerca en T antideslizamiento **Acero zincado**

Spring nut **Zinc plated steel**



52024	M4	0,011
52025	M5	0,010
52026	M6	0,010
52028	M8	0,009

Aplicación

Indicada para montajes verticales. La tuerca, gracias a su pletina soldada queda fija y no desliza. Posibilidad de inserción desde cualquier parte del perfil mediante inclinación a 45°.

Application

Used for the assembly of accessories on profiles with 10 mm slot. Recommended for vertical assemblies. A welded spring plate at the bottom prevents sliding once introduced in the slot. Nuts can be inserted sideways along the profile slot by swivelling 45°.

Tuerca en T con fleje, canal 8 mm **Acero zincado**

Spring-plate T nut, 8 mm slot **Zinc plated steel**



520174	M4	0,005
520175	M5	0,005
520176	M6	0,004
520178	M8	0,004

Aplicación

Para evitar el deslizamiento de la tuerca, ésta posee un fleje flexible, soldado, que muellea. Posibilidad de inserción desde cualquier parte del perfil mediante inclinación a 45°.

Application

A welded flexible spring leaf prevents the nut from sliding. Nuts can be inserted sideways along the profile slot by swivelling 45°.

Tuerca cuadrada **Acero zincado**

Square nut **Zinc plated steel**



52034	M4	0,009
52035	M5	0,009
52036	M6	0,008
52038	M8	0,008

Aplicación

Para fijar elementos a los perfiles con canal 10 mm. Debe ser introducida por el extremo del perfil.

Application

Used for the assembly of accessories on profiles with 10 mm slot. Nuts must be inserted from the front in the profile slot.



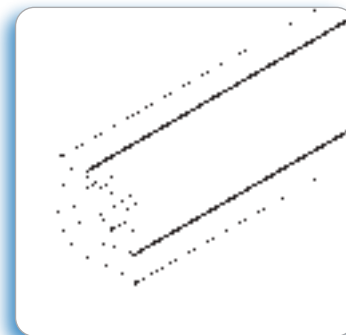
Tuerca cuadrada, canal 6 mm **Acero zincado**

Square nut, 6 mm slot **Zinc plated steel**

25



52084	M4	0,03
52085	M5	0,02
52086	M6	0,02



Aplicación

Para fijar elementos a los perfiles serie 25, con canal de 6 mm. Debe ser introducida por el extremo del perfil.

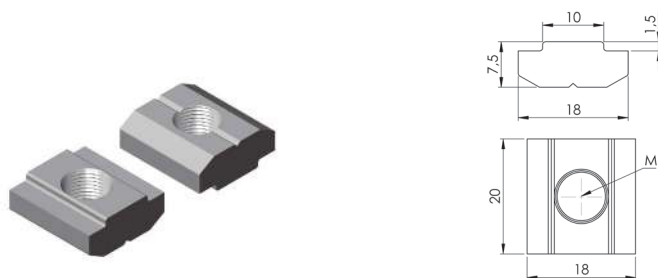
Application

Used for the assembly of accessories on profiles serie 25 with 6 mm slot. Nuts must be inserted from the front in the profile slot.

Tuerca rectangular en T **Acero zincado**

T-slot nut **Zinc plated steel**

10



52044	M4	0,016
52045	M5	0,016
52046	M6	0,015
52048	M8	0,014



Aplicación

Para fijar elementos a los perfiles con canal de 10 mm. Debe ser introducida por el extremo del perfil.

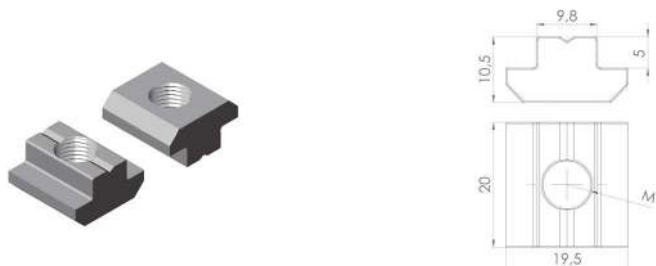
Application

Used for the assembly of accessories on profiles with 10 mm slot. Nuts must be inserted from the front in the profile slot.

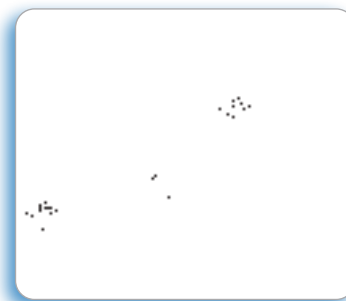
Tuerca en T cuello alto **Acero zincado**

Heavy duty T-slot nut **Zinc plated steel**

16



52054	M4	0,021
52055	M5	0,020
52056	M6	0,020
52058	M8	0,019



Aplicación

Para fijar elementos a los perfiles con canal de 10 mm. Permite aplicar grandes fuerzas. Debe ser introducida por el extremo del perfil.

Application

Used for the assembly of accessories on profiles with 10 mm slot. Recommended for very heavy duty fastening applications. Nuts must be inserted from the front in the profile slot.

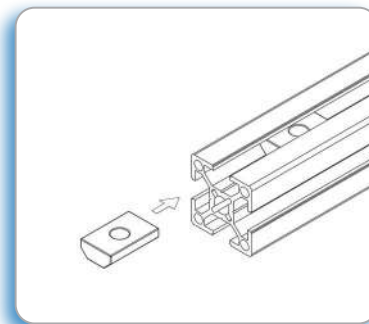


Tuerca rectangular lisa, canal 8 mm **Acero zincado**

Flat rectangular nut, 8 mm slot **Zinc plated steel**



9144	M4	0,016
9145	M5	0,016
9146	M6	0,015
9148	M8	0,014



Aplicación

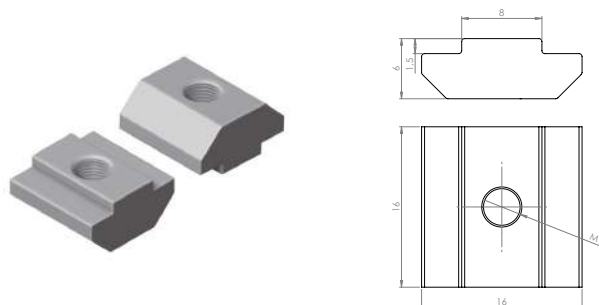
Para fijar elementos a los perfiles con canal de 8 mm. Debe ser introducida por el extremo del perfil.

Application

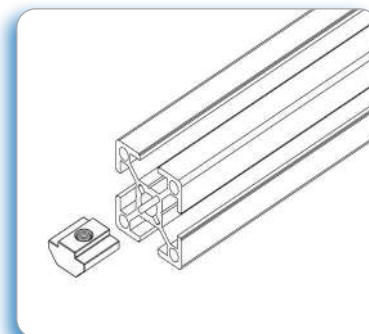
Used for the assembly of accessories on profiles with 8 mm slot. Nuts must be inserted from the front in the profile slot.

Tuerca rectangular en T, canal 8 mm **Acero zincado**

T-slot nut, 8 mm slot **Zinc plated steel**



52094	M4	0,014
52095	M5	0,013
52096	M6	0,012
52098	M8	0,012



Aplicación

Para fijar accesorios a los perfiles con canal de 8 mm. Debe ser introducida por el extremo del perfil.

Application

Used for the assembly of accessories on profiles with 8 mm slot. Nuts must be inserted from the front in the profile slot.

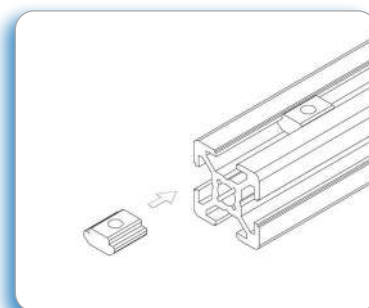
Tuerca en T, canal 6 mm **Acero zincado**

T-slot nut, 6 mm slot **Zinc plated steel**



52091	M4	0,002
52092	M5	0,002

20



Aplicación

Para fijar elementos a los perfiles serie 20, canal 6 mm. Debe ser introducida por el extremo del perfil.

Application

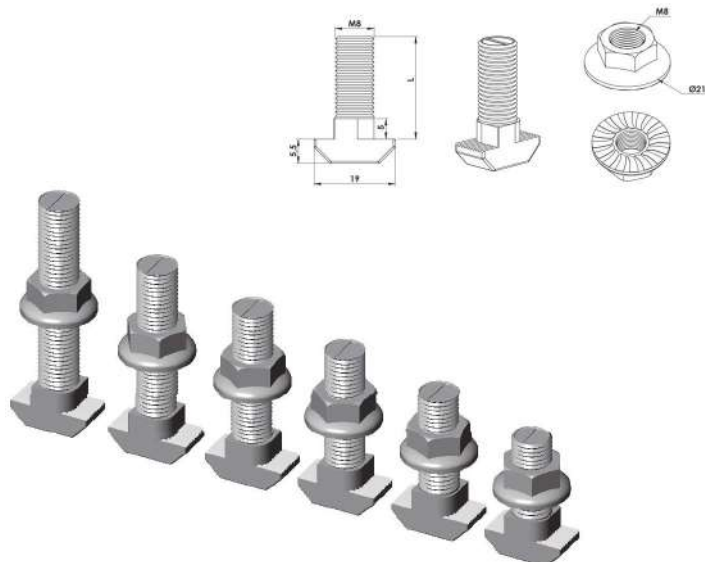
Used for the assembly of accessories on profiles serie 20 with 6 mm slot. Nuts must be inserted from the front in the profile slot.



Tornillo cabeza martillo + tuerca, canal 10 mm **Acero 8.8 zincado / Inox**
 Hammer head bolt + hex flange nut, 10 mm slot **Zinc plated steel 8.8 / Stainless**

INOX

15 mm



Aplicación

Para la fijación de accesorios a los perfiles de canal 10 mm. Gracias al dentado de la tuerca y a su mayor diámetro (21 mm), la fijación es máxima.

Application

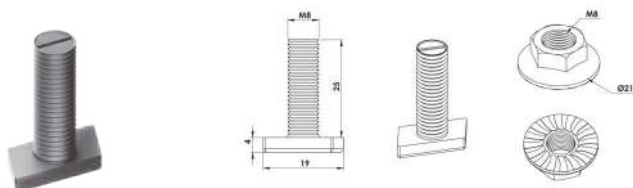
For fixing accessories on profiles with 10 mm slot. Due to the bottom serrations and the larger diameter of the nut (21 mm), fixing is optimum.

525020	M8x20	0,021
525025	M8x25	0,023
525030	M8x30	0,024
525035	M8x35	0,026
525040	M8x40	0,027
525050	M8x50	0,031
525070	M8x70	0,037

525020-Inox.	M8x20	0,021
525025-Inox.	M8x25	0,023
525030-Inox.	M8x30	0,024
525050-Inox.	M8x50	0,031
525070-Inox.	M8x70	0,037

Tornillo cabeza martillo plano + tuerca valona M8, canal 10 mm **Acero 8,8 zincado**
 Flat Hammer head bolt + hex flange nut M8, 10 mm slot **Zinc plated steel**

35



525025P

M8x25 mm

0,02

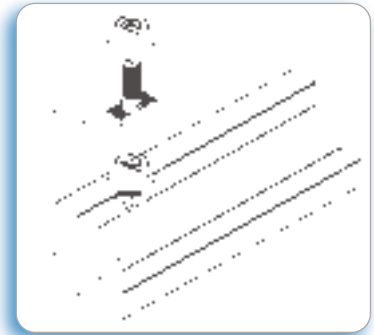
Aplicación

Para la fijación de accesorios a los perfiles de la serie 35. Gracias al dentado de la tuerca y a su mayor diámetro (21 mm), la fijación es máxima.

Application

For fixing accessories on 35 mm aluminium profiles. Due to the bottom serrations and the larger diameter of the nut (21 mm), fixing is optimum.

! 



Application:
For fixing accessories on profiles with 8 mm slot. Due to the bottom serrations of the nut, fixing is optimum.

25



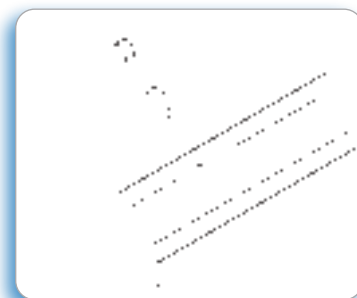
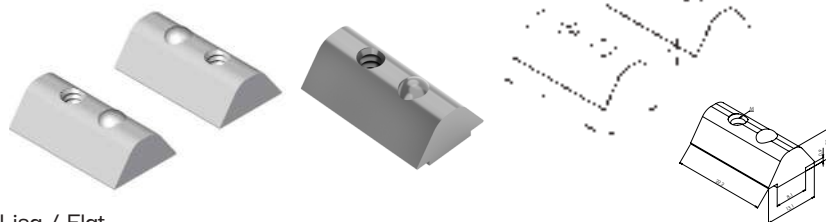
For fixing accessories on profiles with 6 mm slot. Due to the bottom serrations of the nut, fixing is optimum.

the 1990s, the number of people in the United States who are 65 years of age or older has increased by 50 percent. The number of people 75 years of age or older has increased by 100 percent. The number of people 85 years of age or older has increased by 200 percent. The number of people 95 years of age or older has increased by 400 percent. The number of people 100 years of age or older has increased by 1,000 percent. The number of people 105 years of age or older has increased by 2,000 percent. The number of people 110 years of age or older has increased by 4,000 percent. The number of people 115 years of age or older has increased by 8,000 percent. The number of people 120 years of age or older has increased by 16,000 percent. The number of people 125 years of age or older has increased by 32,000 percent. The number of people 130 years of age or older has increased by 64,000 percent. The number of people 135 years of age or older has increased by 128,000 percent. The number of people 140 years of age or older has increased by 256,000 percent. The number of people 145 years of age or older has increased by 512,000 percent. The number of people 150 years of age or older has increased by 1,024,000 percent. The number of people 155 years of age or older has increased by 2,048,000 percent. The number of people 160 years of age or older has increased by 4,096,000 percent. The number of people 165 years of age or older has increased by 8,192,000 percent. The number of people 170 years of age or older has increased by 16,384,000 percent. The number of people 175 years of age or older has increased by 32,768,000 percent. The number of people 180 years of age or older has increased by 65,536,000 percent. The number of people 185 years of age or older has increased by 131,072,000 percent. The number of people 190 years of age or older has increased by 262,144,000 percent. The number of people 195 years of age or older has increased by 524,288,000 percent. The number of people 200 years of age or older has increased by 1,048,576,000 percent. The number of people 205 years of age or older has increased by 2,097,152,000 percent. The number of people 210 years of age or older has increased by 4,194,304,000 percent. The number of people 215 years of age or older has increased by 8,388,608,000 percent. The number of people 220 years of age or older has increased by 16,777,216,000 percent. The number of people 225 years of age or older has increased by 33,554,432,000 percent. The number of people 230 years of age or older has increased by 67,108,864,000 percent. The number of people 235 years of age or older has increased by 134,217,728,000 percent. The number of people 240 years of age or older has increased by 268,435,456,000 percent. The number of people 245 years of age or older has increased by 536,870,912,000 percent. The number of people 250 years of age or older has increased by 1,073,741,824,000 percent. The number of people 255 years of age or older has increased by 2,147,483,648,000 percent. The number of people 260 years of age or older has increased by 4,294,967,296,000 percent. The number of people 265 years of age or older has increased by 8,589,934,592,000 percent. The number of people 270 years of age or older has increased by 17,179,869,184,000 percent. The number of people 275 years of age or older has increased by 34,359,738,368,000 percent. The number of people 280 years of age or older has increased by 68,719,476,736,000 percent. The number of people 285 years of age or older has increased by 137,438,953,472,000 percent. The number of people 290 years of age or older has increased by 274,877,906,944,000 percent. The number of people 295 years of age or older has increased by 549,755,813,888,000 percent. The number of people 300 years of age or older has increased by 1,099,511,627,776,000 percent. The number of people 305 years of age or older has increased by 2,199,023,255,552,000 percent. The number of people 310 years of age or older has increased by 4,398,046,511,104,000 percent. The number of people 315 years of age or older has increased by 8,796,093,022,208,000 percent. The number of people 320 years of age or older has increased by 17,592,186,044,416,000 percent. The number of people 325 years of age or older has increased by 35,184,372,088,832,000 percent. The number of people 330 years of age or older has increased by 70,368,744,177,664,000 percent. The number of people 335 years of age or older has increased by 140,737,488,355,328,000 percent. The number of people 340 years of age or older has increased by 281,474,976,710,656,000 percent. The number of people 345 years of age or older has increased by 562,949,953,421,312,000 percent. The number of people 350 years of age or older has increased by 1,125,899,906,842,624,000 percent. The number of people 355 years of age or older has increased by 2,251,799,813,685,248,000 percent. The number of people 360 years of age or older has increased by 4,503,599,627,370,496,000 percent. The number of people 365 years of age or older has increased by 9,007,199,254,740,992,000 percent. The number of people 370 years of age or older has increased by 18,014,398,509,481,984,000 percent. The number of people 375 years of age or older has increased by 36,028,797,018,963,968,000 percent. The number of people 380 years of age or older has increased by 72,057,594,037,927,936,000 percent. The number of people 385 years of age or older has increased by 144,115,188,075,855,872,000 percent. The number of people 390 years of age or older has increased by 288,230,376,151,711,744,000 percent. The number of people 395 years of age or older has increased by 576,460,752,303,423,488,000 percent. The number of people 400 years of age or older has increased by 1,152,921,504,606,846,976,000 percent. The number of people 405 years of age or older has increased by 2,305,843,009,213,693,952,000 percent. The number of people 410 years of age or older has increased by 4,611,686,018,427,387,904,000 percent. The number of people 415 years of age or older has increased by 9,223,372,036,854,775,808,000 percent. The number of people 420 years of age or older has increased by 18,446,744,073,709,551,616,000 percent. The number of people 425 years of age or older has increased by 36,893,488,147,419,103,232,000 percent. The number of people 430 years of age or older has increased by 73,786,976,294,838,206,464,000 percent. The number of people 435 years of age or older has increased by 147,573,952,589,676,412,928,000 percent. The number of people 440 years of age or older has increased by 295,147,905,179,352,825,856,000 percent. The number of people 445 years of age or older has increased by 590,295,810,358,705,651,712,000 percent. The number of people 450 years of age or older has increased by 1,180,591,620,717,411,303,424,000 percent. The number of people 455 years of age or older has increased by 2,361,183,241,434,822,606,848,000 percent. The number of people 460 years of age or older has increased by 4,722,366,482,869,645,213,696,000 percent. The number of people 465 years of age or older has increased by 9,444,732,965,739,290,427,392,000 percent. The number of people 470 years of age or older has increased by 18,889,465,931,478,580,854,784,000 percent. The number of people 475 years of age or older has increased by 37,778,931,862,957,161,709,568,000 percent. The number of people 480 years of age or older has increased by 75,557,863,725,914,323,419,136,000 percent. The number of people 485 years of age or older has increased by 151,115,727,451,828,646,838,272,000 percent. The number of people 490 years of age or older has increased by 302,231,454,903,657,293,676,544,000 percent. The number of people 495 years of age or older has increased by 604,462,909,807,314,587,353,088,000 percent. The number of people 500 years of age or older has increased by 1,208,925,819,614,629,174,706,176,000 percent. The number of people 505 years of age or older has increased by 2,417,851,639,229,258,349,412,352,000 percent. The number of people 510 years of age or older has increased by 4,835,703,278,458,516,698,824,704,000 percent. The number of people 515 years of age or older has increased by 9,671,406,556,917,033,397,649,408,000 percent. The number of people 520 years of age or older has increased by 19,342,813,113,834,066,795,298,816,000 percent. The number of people 525 years of age or older has increased by 38,685,626,227,668,133,590,597,632,000 percent. The number of people 530 years of age or older has increased by 77,371,252,455,336,267,181,195,264,000 percent. The number of people 535 years of age or older has increased by 154,742,504,910,672,534,362,390,528,000 percent. The number of people 540 years of age or older has increased by 309,485,009,821,345,068,724,781,056,000 percent. The number of people 545 years of age or older has increased by 618,970,019,642,690,137,449,562,112,000 percent. The number of people 550 years of age or older has increased by 1,237,940,039,285,380,274,899,124,224,000 percent. The number of people 555 years of age or older has increased by 2,475,880,078,570,760,549,798,248,448,000 percent. The number of people 560 years of age or older has increased by 4,951,760,157,141,521,099,596,496,896,000 percent. The number of people 565 years of age or older has increased by 9,903,520,314,283,042,199,193,993,792,000 percent. The number of people 570 years of age or older has increased by 19,807,040,628,566,084,398,387,9



Tuerca redonda con bola **Acero zincado**

Spring-ball nut **Zinc plated steel**



Lisa / Flat

		
5064L	M4	0,011
5065L	M5	0,011
5066L	M6	0,010
5068L	M8	0,009

Con pestaña / with flange

		
5064	M4	0,011
5065	M5	0,011
5066	M6	0,010
5068	M8	0,009

Aplicación

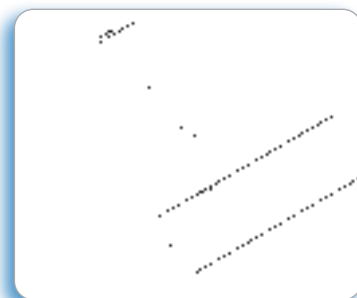
Para fijación de elementos a distintos perfiles de canal 8 mm.

Application

Application:
For fixing accessories on different profiles with 8 mm slot.

Tuerca redonda con pestaña **Acero zincado**

Spring-plate nut **Zinc plated steel**



		
5074	M4	0,012
5075	M5	0,011
5076	M6	0,011
5078	M8	0,009

Aplicación

Aplicación:
Para fijación de elementos a distintos perfiles
de canal 8 mm.

Application

Application:
For fixing accessories on different profiles with 8 mm slot.

Refuerzo antiqiro **Acero zincado**

Anti-rotation nut **Zinc plated steel**

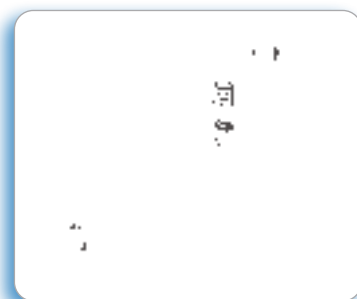


Image	Label
	5512
	M8
	0.008

Aplicación

Para evitar el giro en aquellos perfiles unidos con tornillo autorroscante. Posibilidad de inserción desde cualquier parte del perfil mediante inclinación 45°.

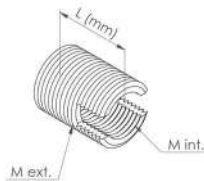
Application

Application

To avoid rotation of profiles when using socket T bolts. Used on profiles with 10 mm slot. Nuts can be inserted sideways along the profile slot by swivelling 45°.



Casquillo reductor **Acero zincado**
Threaded inserts **Zinc plated steel**



	Ø int.	Ø ext.	L	
52918	M8	M12	15 mm	0,005
529110	M10	M14	18 mm	0,007
529112	M12	M16	22 mm	0,011

Aplicación

Permite roscar accesorios de M8, M10, M12 en el núcleo central de los perfiles. Se recomienda su uso en estructuras sometidas a vibraciones.

Application

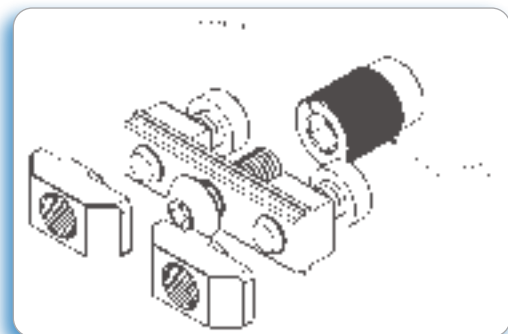
Suitable for front assembly of accessories with M8, M10, M12 thread. Recommended for connection of profiles subjected to vibrations.

Fijación ajustable oculta **Acero zincado**
Adjustable connector **Zinc plated steel**



No necesita mecanización
No machining needed

5213	40x40	0,051
5212	45x45	0,054
5214	60x60	0,057
5215	40x80 / 80x80	0,054
5216	45x90 / 90x90	0,082



Aplicación

Garantiza una unión de perfiles óptima en posicionado y transmisión de fuerza. De uso en perfiles con canal de 10 mm. No necesita mecanización.

Application

Guarantees an optimum connection of profiles in terms of positioning and force transmission. Profiles need no machining.

Paso 1

Insertar y enroscar el casquillo con ayuda de una llave allen.
Step 1
Insert and screw the socket with the help of an Allen wrench.

Paso 2

Comprobar que está introducido en su totalidad.
Step 2
Check that it is fully inserted.

Paso 3

Colocar la brida y fijarla atornillando el tornillo ISO. Colocar las dos tuercas cabeza de martillo con sus tornillos DIN.
Step 3
Place the flange and secure it by tightening the ISO screw. Attach the two hammer head nuts with their DIN screws.

Paso 4

Comprobar que la brida está atornillada a tope.
Step 4
Verify that the flange is fully tightened.

Paso 5

Colocar el perfil que se desea unir en posición.
Step 5
Position the profile that you want to join.

Paso 6

Junta los perfiles introduciendo la fijación ajustable en el canal del perfil a unir.
Step 6
Assemble the profiles by inserting the adjustable fastener into the channel of the profile to be joined.

Paso 7

Apretar los dos tornillos DIN, de manera que hagan girar las tuercas cabeza de martillo y aseguren la unión de los perfiles.
Step 7
Tighten the two DIN screws, causing the hammer head nuts to rotate and secure the joint of the profiles.



Fijación ajustable simple perfil 30x30 **Acero zincado**

Single connector profile 30x30 **Zinc plated steel**

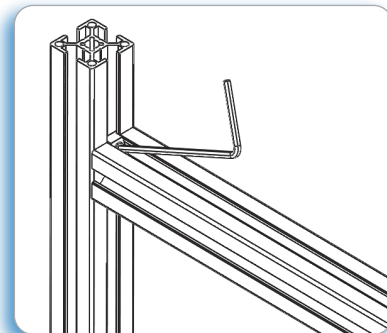


5217

0,01

No necesita mecanización
No machining needed

30



Aplicación

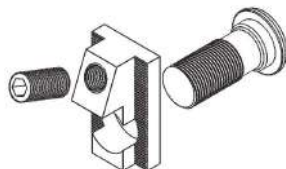
Garantiza una unión de perfiles óptima en posicionado y transmisión de fuerza. De uso en perfiles 30x30. No necesita mecanización.

Application

Guarantees an optimum connection of profiles in terms of positioning and force transmission. To be used in 30x30 profiles. Profiles need no machining.

Fijación ajustable simple perfil 45x45 ligero **Acero zincado**

Single connector light profile 45x45 **Zinc plated steel**

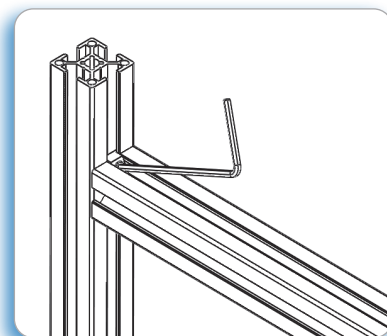


5218

0,04

No necesita mecanización
No machining needed

45

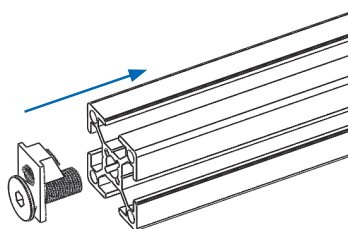


Aplicación

Garantiza una unión de perfiles óptima en posicionado y transmisión de fuerza. De uso exclusivo en perfil 45x45 ligero (5001).

Application

Guarantees an optimum connection of profiles in terms of positioning and force transmission. To be used only in light 45x45 profile.

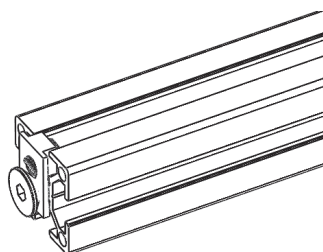


Paso 1

Insertar y roscar el conjunto al núcleo del perfil.

Step 1

Insert and thread the connector into the core of the profile.

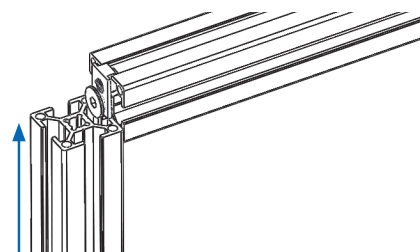


Paso 2

Comprobar que está bien fijado.

Step 2

Verify that it is securely fixed.

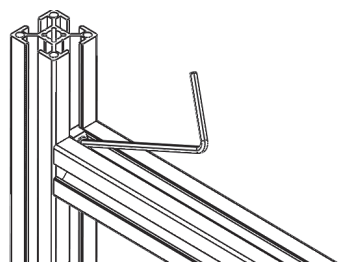


Paso 3

Deslizar el conjunto por el canal del perfil transversal.

Step 3

Slide the connector along the channel of the cross-profile.



Paso 4

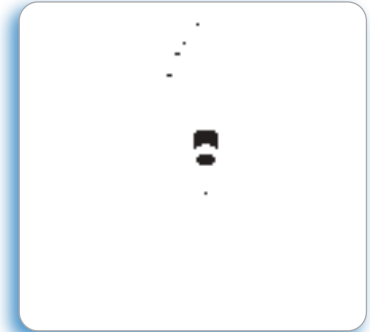
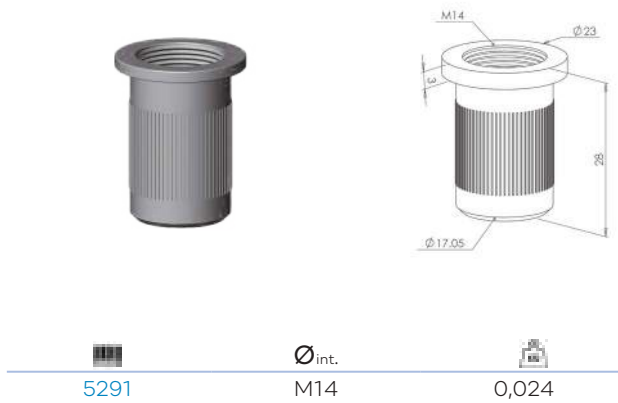
Fijar ambos perfiles usando una llave allen y apretando el prisionero.

Step 4

Secure both profiles using an Allen wrench and tightening the set.



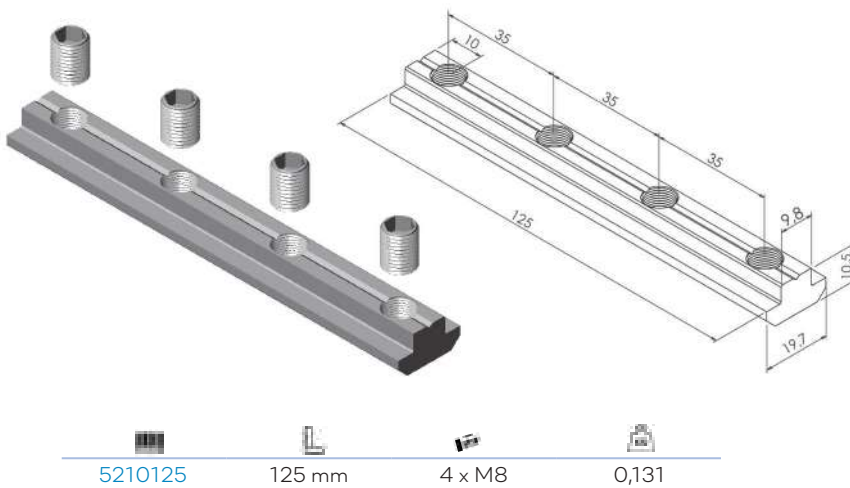
Encaje de rosca **Acero zincado**
Threaded sleeve **Zinc plated steel**



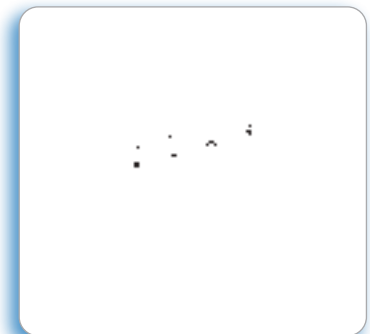
Aplicación
Para roscar accesorios en los laterales de los perfiles.

Application
To thread accessories in profile sides.

Regleta de unión de perfiles **Acero zincado**
Heavy duty T-slot bar profile **Zinc plated steel**



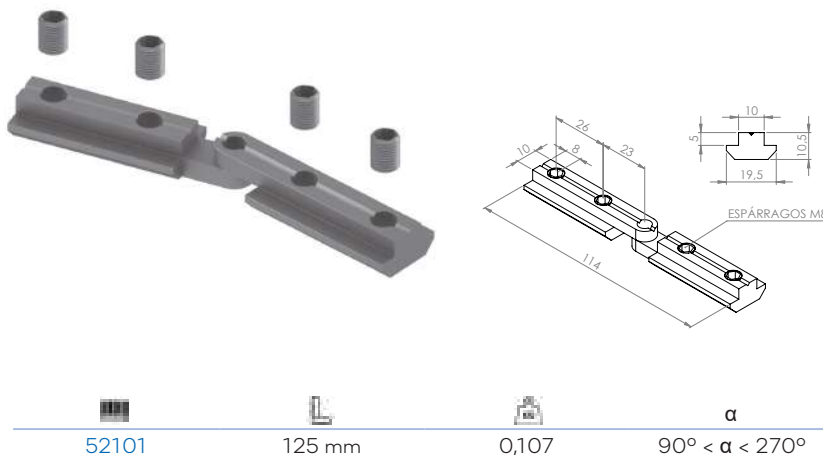
U-1.1



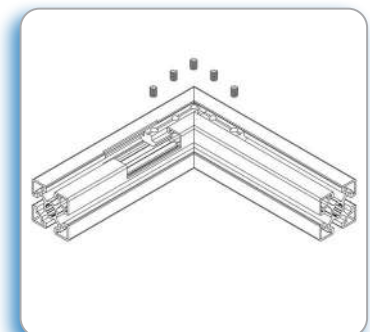
Aplicación
Para la unión longitudinal de dos perfiles de canal 10 mm. El suministro incluye 4 espárragos M8. Esta unión no necesita mecanización.

Application
Suitable for the longitudinal connection of two profiles with 10 mm slot. Standard supply includes 4 M8 screws. Profiles need no machining.

Regleta articulada lateral **Acero zincado**
Articulated profile bar **Zinc plated steel**



U-1.1

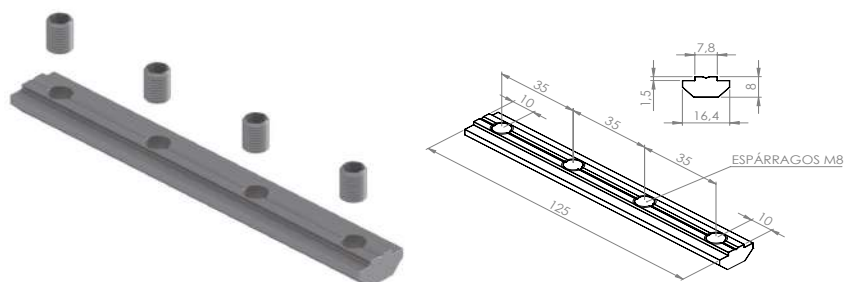


Aplicación
Para la unión en ángulo de dos perfiles en ángulo, de canal 10 mm. El suministro incluye 4 espárragos M8. Esta unión no necesita mecanización.

Application
Suitable for angle connection of two profiles cut at angles with 10 mm slot. Standard supply includes 4 M8 screws. Profiles need no machining.



Regleta de unión de perfiles, canal 8 mm **Acero zincado**
T-slot profile bar, 8 mm slot **Zinc plated steel**

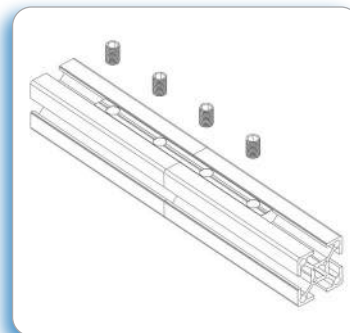


5210126

125 mm

0,12

1.1



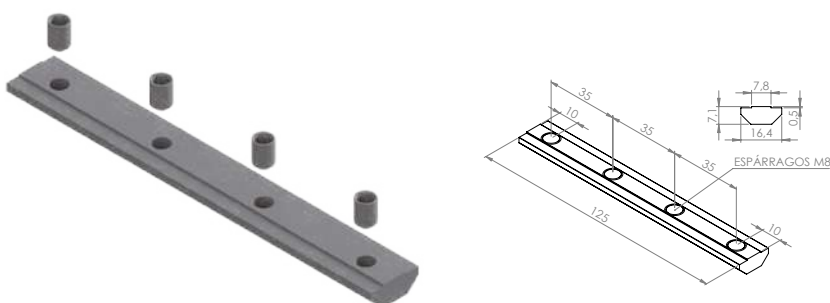
Aplicación

Para la unión longitudinal de dos perfiles de canal 8 mm. El suministro incluye 4 espárragos M8. Esta unión no necesita mecanización.

Application

Suitable for the longitudinal connection of two profiles with 8 mm slot. Standard supply includes 4 M8 screws. Profiles need no machining.

Regleta de unión de perfiles, canal 8 mm **Aluminio anodizado**
T-slot profile bar, 8 mm slot **Anodized aluminium**

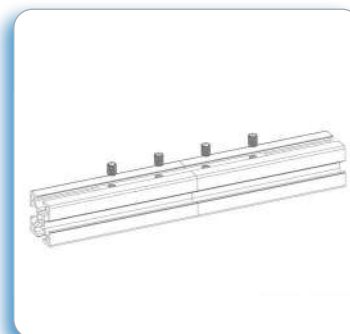


5210130

125 mm

0,029

1.1



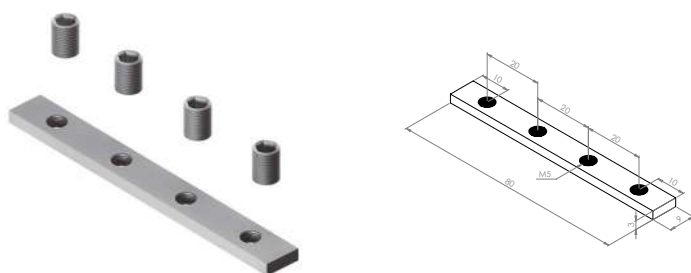
Aplicación

Para la unión longitudinal de dos perfiles de canal 8 mm. El suministro incluye 4 espárragos M8. Esta unión no necesita mecanización.

Application

Suitable for the longitudinal connection of two profiles with 8 mm slot. Standard supply includes 4 M8 screws. Profiles need no machining.

Regleta de unión de perfiles, perfil 20x20 **Acero cincado**
T-slot profile bar, 20x20 **Zinc plated steel**

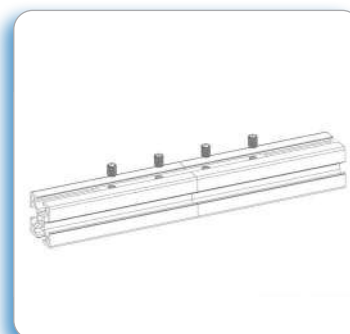


5210128

80 mm

0,02

6 mm



Aplicación

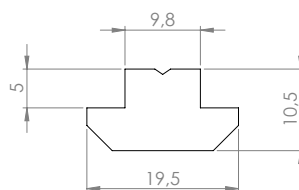
Para la unión longitudinal de dos perfiles de la serie 20. El suministro incluye los 4 espárragos. Esta unión no necesita mecanización.

Application

Suitable for the longitudinal connection of two profiles 20 series. Standard supply includes 4 screws. Profiles need no machining.



Perfil en T cuello alto **Acero**
Heavy duty T-slot profile **Steel**



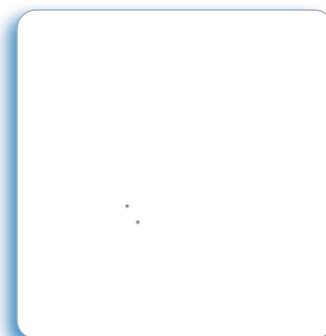
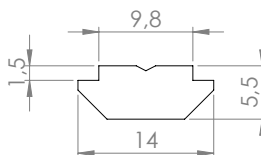
Aplicación

Para fijar accesorios a los perfiles con canal de 10 mm. El perfil debe ser introducido por el extremo. Acero sin tratar.

Application

Used for the assembly of accessories on profiles with 10 mm slot. It must be inserted from the edge. Raw steel.

Perfil en T insertable **Acero**
Insertable T-slot profile **Steel**



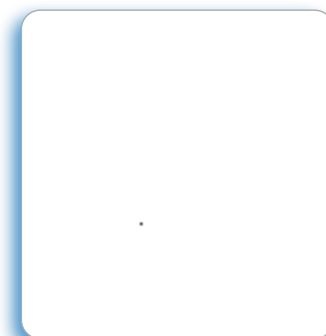
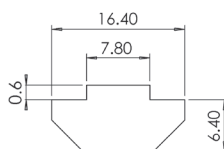
Aplicación

Para fijar accesorios a los perfiles con canal de 10 mm. Posibilidad de inserción desde cualquier parte del perfil mediante giro. Acero sin tratar.

Application

Used for the assembly of accessories on profiles with 10 mm slot. It can be inserted sideways along the profile slot. Raw steel.

Perfil en T, canal 8 mm **Acero**
T-slot profile, 8 mm slot **Steel**



Aplicación

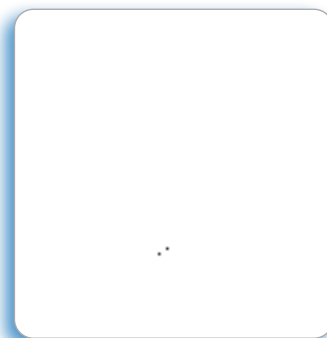
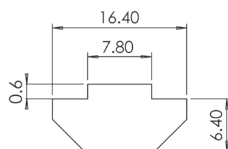
Para fijar accesorios o unir perfiles con canal de 8 mm. El perfil debe ser introducido por el extremo. Acero sin tratar.

Application

Used for the assembly of accessories and connection of profiles with 8 mm slot. It must be inserted from the front in the profile slot. Raw steel.



Perfil en T, canal 8 mm **Aluminio anodizado**
T-slot profile, 8 mm slot **Anodized aluminium**



Aplicación

Para fijar accesorios o unir perfiles con canal de 8 mm. El perfil debe ser introducido por el extremo.

Application

Used for the assembly of accessories and connection of profiles with 8 mm slot. It must be inserted from the front in the profile slot.

ELEMENTOS DE UNIÓN

JOINING ELEMENTS

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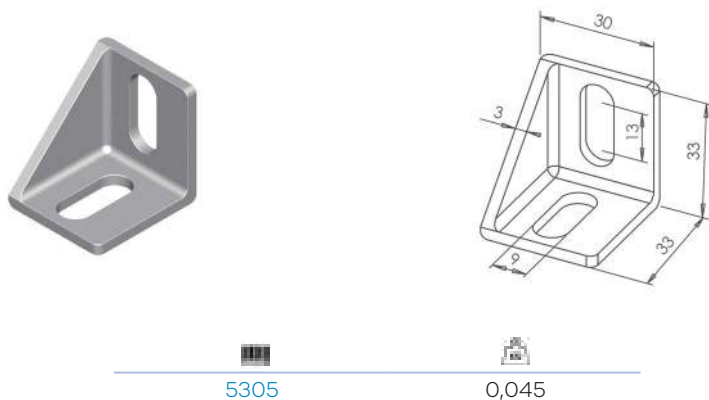
ELEMENTOS DE UNIÓN

JOINING ELEMENTS



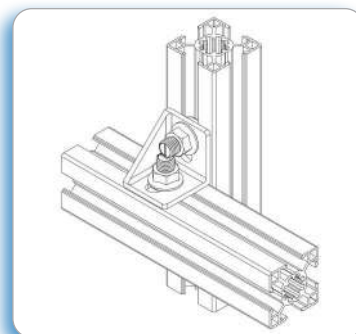
Escuadra 33x33x30 **Acero zincado**

Connection angle 33x33x30 **Zinc plated steel**



5305

0,045



Aplicación

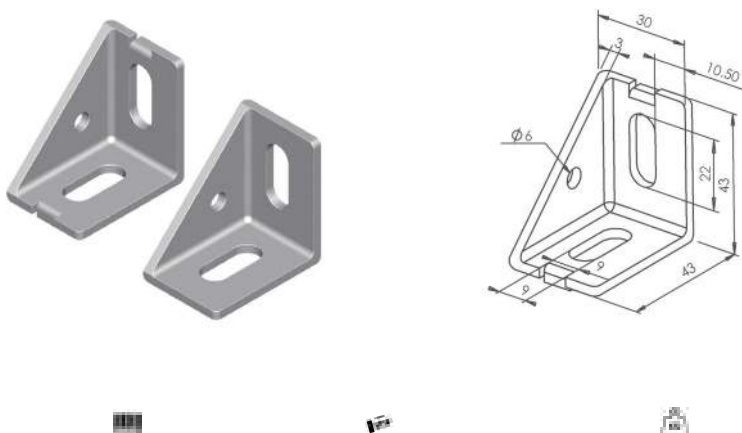
Para la unión de perfiles en cruz.
Se recomienda usar tornillo cabeza martillo M8x20.

Application

For right-angled and power-lock connection of profiles. It can be fixed to the profile using hammer head bolts M8x20.

Escuadra 43x43x30 **Acero zincado**

Connection angle 43x43x30 **Zinc plated steel**



5301

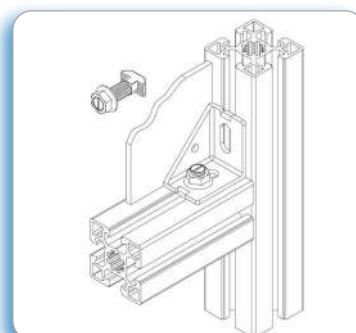
con posicionador/with guiding studs

0,063

53010

sin posicionador/without guiding studs

0,062



Aplicación

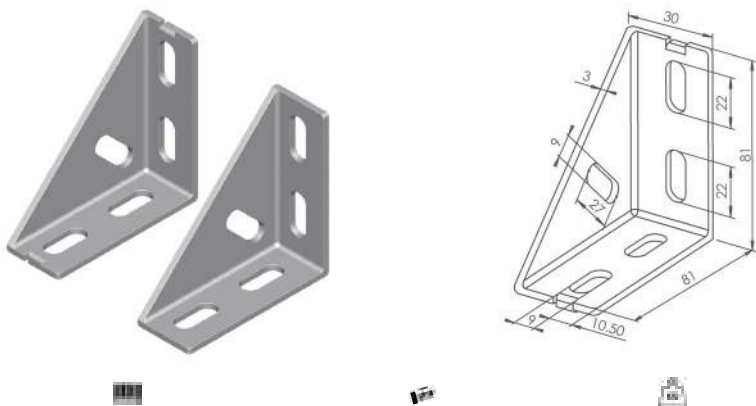
Para la unión de perfiles a 90°; disponible sin pestañas de posicionamiento. Se recomienda usar tornillo cabeza martillo M8x20.

Application

For right-angled and power-lock connection of profiles. Also available without guiding studs. It can be fixed to the profile using hammer head bolts M8x20.

Escuadra 81x81x30 **Acero zincado**

Connection angle 81x81x30 **Zinc plated steel**



5302

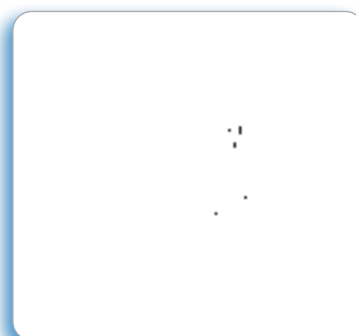
con posicionador/with guiding studs

0,157

53020

sin posicionador/without guiding studs

0,156



Aplicación

Para la unión de perfiles a 90°; disponible sin pestañas de posicionamiento. Se recomienda usar tornillo cabeza martillo M8x20.

Application

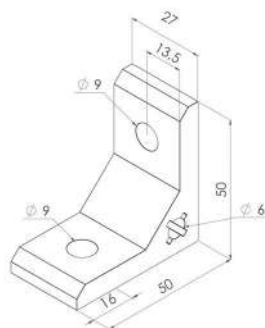
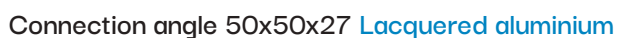
For right-angled and power-lock connection of profiles. Also available without guiding studs. It can be fixed to the profile using hammer head bolts M8x20.

Connection angle 100x100x30 Zinc plated steel

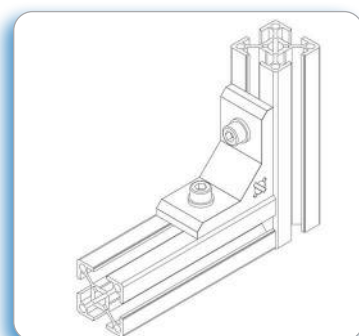


Para la unión de perfiles a 90°.
Se recomienda usar tornillo cabeza martillo
M8x20.

Application:
For right-angled and power-lock connection of profiles. It can be fixed to the profile using hammer head bolts M8x20.



Otros tamaños bajo consulta
Other sizes upon request

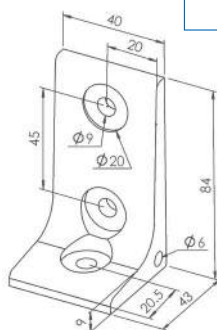


Para la unión de perfiles a 90°. Tornillería no incluida.

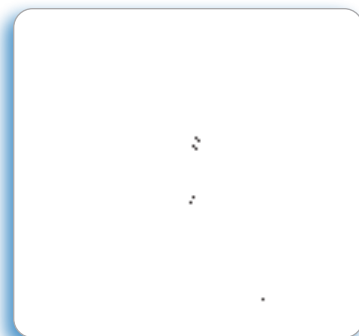
Application:
For right-angled and power-lock connection of profiles. Screws not included.



Connection angle 43x84x40 **Lacquered aluminium**



Otros tamaños bajo consulta
Other sizes upon request



Para la unión de perfiles a 90°; disponible sin pestañas de posicionamiento. Se recomienda usar tornillo cabeza martillo M8x20.

For right-angled and power-lock connection of profiles. Also available without guiding studs. It can be fixed to the profile using hammer head bolts M8x20.

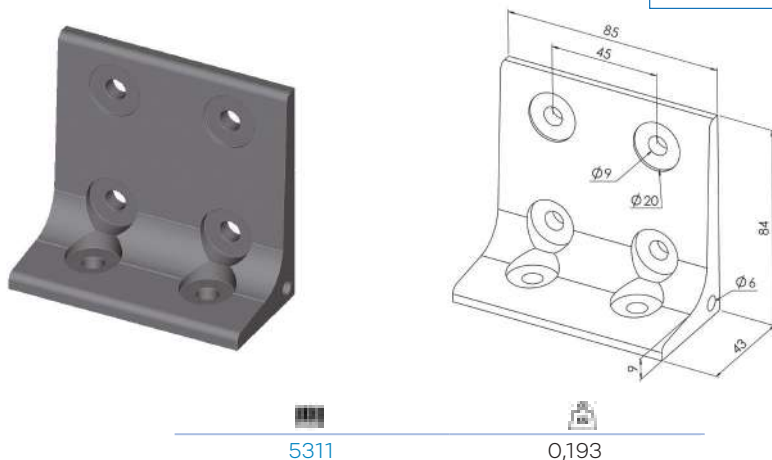
		
5310	con posicionador/with guiding studs	0,090
53101	sin posicionador/without guiding studs	0,090



Escuadra 43x84x85 Aluminio lacado

Connection angle 43x84x85 Lacquered aluminium

Otros tamaños bajo consulta
Other sizes upon request



5311

0,193

Aplicación

Para la unión de perfiles a 90°. Se recomienda usar tornillo cabeza martillo M8x20.

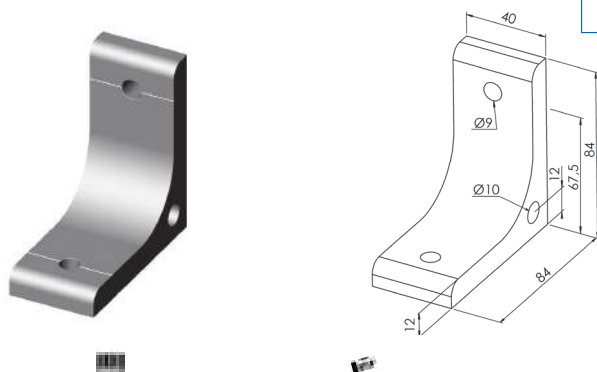
Application

For right-angled and power-lock connection of profiles. It can be fixed to the profile using hammer head bolts M8x20.

Escuadra reforzada 84x84x40 Aluminio lacado

Connection angle 84x84x40 Lacquered aluminium

Otros tamaños bajo consulta
Other sizes upon request



5312

sin posicionador/without guiding studs

0,200

53121

con posicionador/with guiding studs

0,201

Aplicación

Para la unión de perfiles a 90°; disponible con pestañas de posicionamiento. Se recomienda usar tornillo cabeza martillo M8x25.

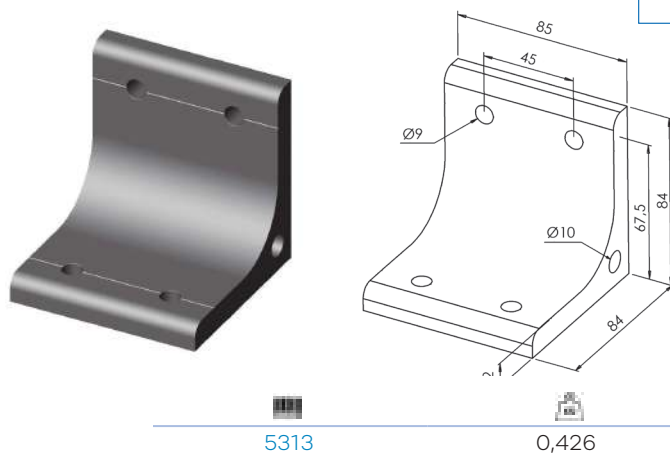
Application

For right-angled and power-lock connection of profiles. Also available without guiding studs. It can be fixed to the profile using hammer head bolts M8x25.

Escuadra reforzada 84x84x85 Aluminio lacado

Connection angle 84x84x85 Lacquered aluminium

Otros tamaños bajo consulta
Other sizes upon request



5313

0,426

Aplicación

Para la unión de perfiles a 90°. Se recomienda usar tornillo cabeza martillo M8x25.

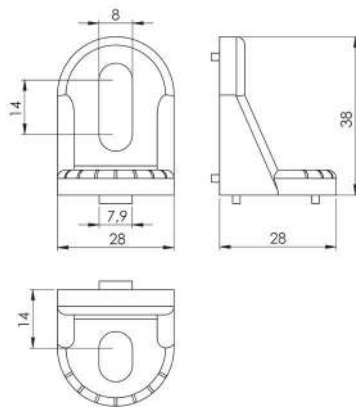
Application

For right-angled and power-lock connection of profiles. It can be fixed to the profile using hammer head bolts M8x25.



Escuadra para fijación en ángulos canal 8 mm **Aluminio fundido**

Connection angle, 8mm slot **Die-cast aluminium**

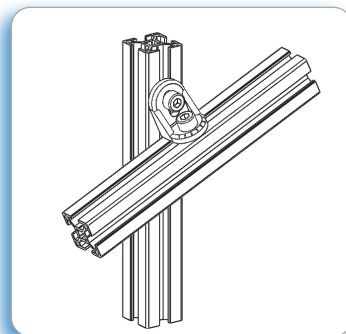


53442



0,018

145



Aplicación

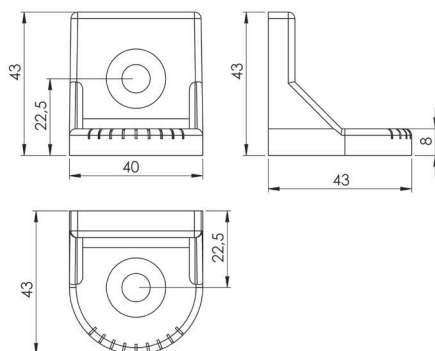
Para la unión de perfiles en cualquier ángulo. Muy útil para la fijación de bandejas y baldas.

Application

For the connection of profiles at different angles. Very useful for the positioning of trays and shelves.

Escuadra para fijación en ángulos canal 10mm **Aluminio fundido**

Connection angle, 10mm slot **Die-cast aluminium**

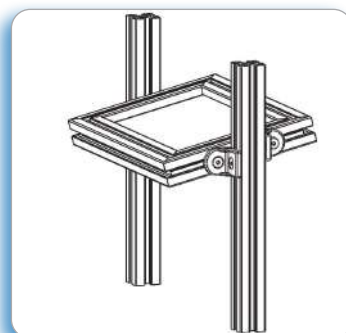


53441



0,045

145



Aplicación

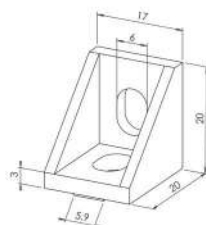
Para la unión de perfiles en cualquier ángulo. Muy útil para la fijación de bandejas y baldas.

Application

For the connection of profiles at different angles. Very useful for the positioning of trays and shelves.

Escuadra 20x20x17 **Aluminio fundido**

Connection angle 20x20x17 **Die-cast aluminium**



53301



0,006

20

25



Aplicación

Para la unión de perfiles a 90°. Las pestañas de posicionamiento pueden ser eliminadas.

Application

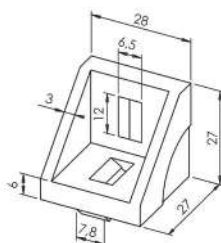
For right-angled and power-lock connection of profiles. Positioning studs can easily be removed.



Escuadra 27x27x28 Aluminio fundido

Connection angle 27x27x28 Die-cast aluminium

38



Aplicación

Para la unión de perfiles a 90°. Las pestañas de posicionamiento pueden ser eliminadas. Se recomienda la tornillería cod. 5300912612 y cod. 52076.

Application

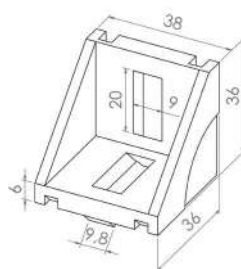
For right-angled and power-lock connection of profiles. Positioning studs can easily be removed.

	Producto / Product	
5333	Escuadra / angle	0,021
5333T-BLCK	Tapeta / cover	0,031

Escuadra 36x36x38 Aluminio fundido

Connection angle 36x36x38 Die-cast aluminium

40



Aplicación

Para la unión de perfiles a 90°. Las pestañas de posicionamiento pueden ser eliminadas. Se recomienda su fijación mediante tornillo cabeza martillo M8x20.

Application

For right-angled and power-lock connection of profiles. Positioning studs can easily be removed by pressing with a screwdriver. It can be fixed to the profile using hammer head bolts M8x20.

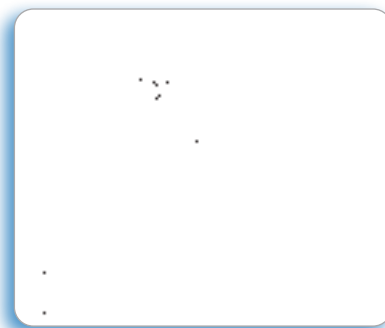
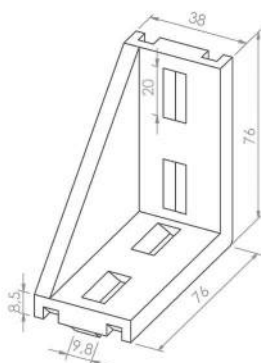
	Producto / Product	
5334	Escuadra / angle	0,040
5334T-BLCK	Tapeta / cover	0,050

Escuadra 76x76x38 Aluminio fundido

Connection angle 76x76x38 Die-cast aluminium

40

50



Aplicación

Para la unión de perfiles a 90°. Las pestañas de posicionamiento pueden ser eliminadas. Se recomienda su fijación mediante tornillo cabeza martillo M8x25.

Application

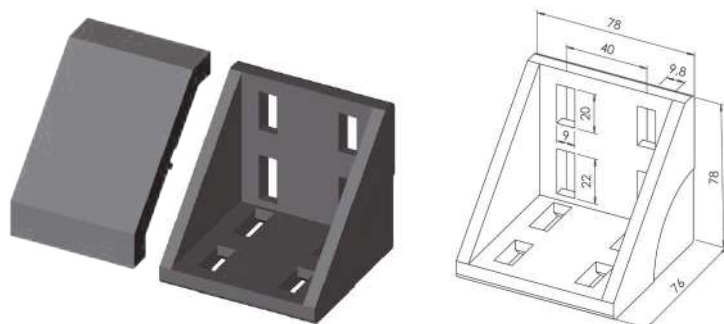
For right-angled and power-lock connection of profiles. Positioning studs can easily be removed by pressing with a screwdriver. It can be fixed to the profile using hammer head bolts M8x25.

	Producto / Product	
5335	Escuadra / angle	0,119



Escuadra 76x76x78 Aluminio fundido

Connection angle 76x76x78 Die-cast aluminium



	Producto / Product	
	Escuadra / angle	
5339	Tapeta / cover	0,237
5339T-BLCK		0,247

Aplicación

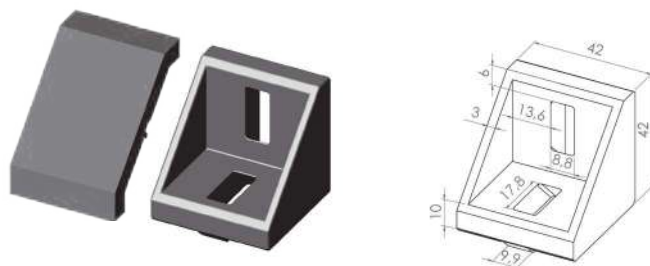
Para la unión de perfiles a 90°. Las pestañas de posicionamiento pueden ser eliminadas. Se recomienda su fijación mediante tornillo cabeza martillo M8x25.

Application

For right-angled and power-lock connection of profiles. Positioning studs can easily be removed by pressing with a screwdriver. It can be fixed to the profile using hammer head bolts M8x25.

Escuadra 42x42x42 Aluminio fundido

Connection angle 42x42x42 Die-cast aluminium



	Producto / Product	
	Escuadra / angle	
5330	Tapeta / cover	0,052
5330T-BLCK		0,067

Aplicación

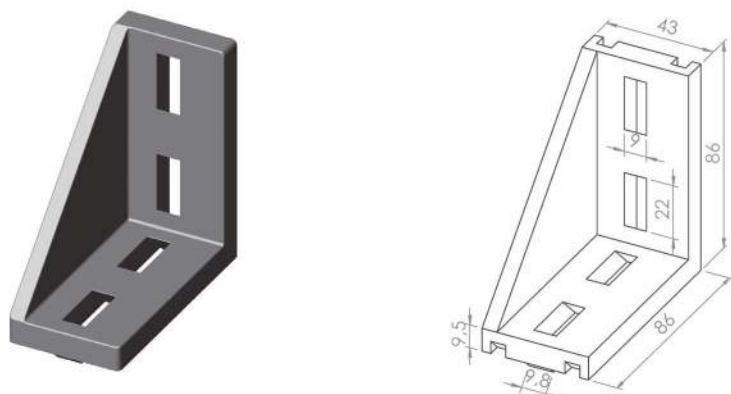
Para la unión de perfiles a 90°. Las pestañas de posicionamiento pueden ser eliminadas. Se recomienda su fijación mediante tornillo cabeza martillo M8x25.

Application

For right-angled and power-lock connection of profiles. Positioning studs can easily be removed by pressing with a screwdriver. It can be fixed to the profile using hammer head bolts M8x25.

Escuadra 86x86x43 Aluminio fundido

Connection angle 86x86x43 Die-cast aluminium



	Producto / Product	
	Escuadra / angle	
5331	Tapeta / cover	0,153

Aplicación

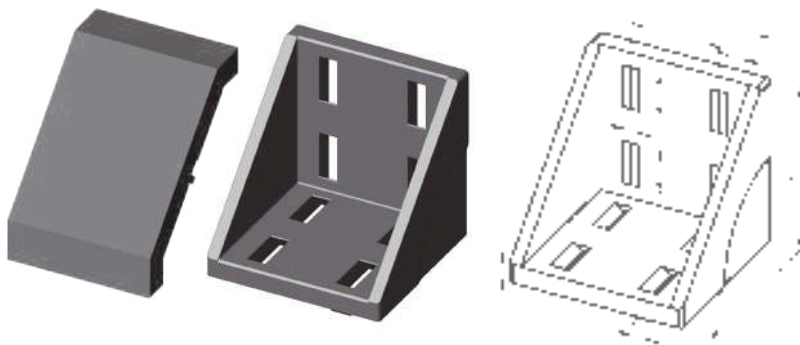
Para la unión de perfiles a 90°. Las pestañas de posicionamiento pueden ser eliminadas. Se recomienda su fijación mediante tornillo cabeza martillo M8x25.

Application

For right-angled and power-lock connection of profiles. Positioning studs can easily be removed by pressing with a screwdriver. It can be fixed to the profile using hammer head bolts M8x25.



Escuadra 86x86x88 **Aluminio fundido** Connection angle 86x86x88 **Die-cast aluminium**



	Producto / Product	
5332	Escuadra / angle	0,307
5332T-BLCK	Tapeta / cover	0,317

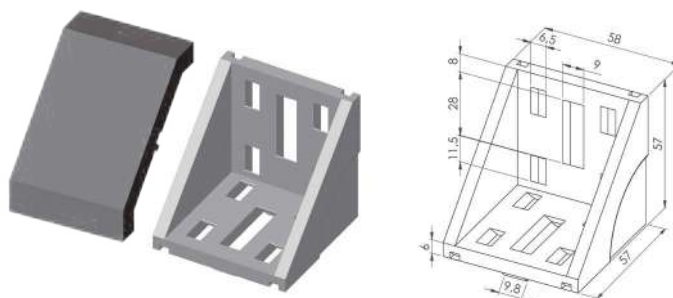
Aplicación

Para la unión de perfiles a 90°. Las pestañas de posicionamiento pueden ser eliminadas. Se recomienda su fijación mediante tornillo cabeza martillo M8x25.

Application

For right-angled and power-lock connection of profiles. Positioning studs can easily be removed by pressing with a screwdriver. It can be fixed to the profile using hammer head bolts M8x25.

Escuadra 57x57x58 **Aluminio fundido** Connection angle 57x57x58 **Die-cast aluminium**



	Producto / Product	
5336	Escuadra / angle	0,115
5336T-BLCK	Tapeta / cover	0,125

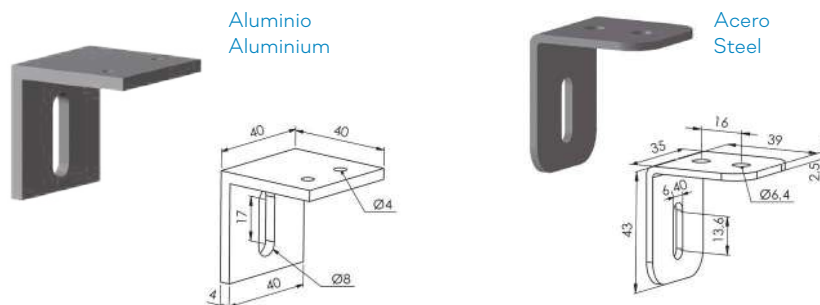
Aplicación

Para la unión de perfiles a 90°. Las pestañas de posicionamiento pueden ser eliminadas presionando sobre ellas con un destornillador.

Application

For right-angled and power-lock connection of profiles. Positioning studs can easily be removed by pressing with a screwdriver.

Escuadras soporte tablero Dashboards angles



53440	0,029	53443	0,048

Aplicación

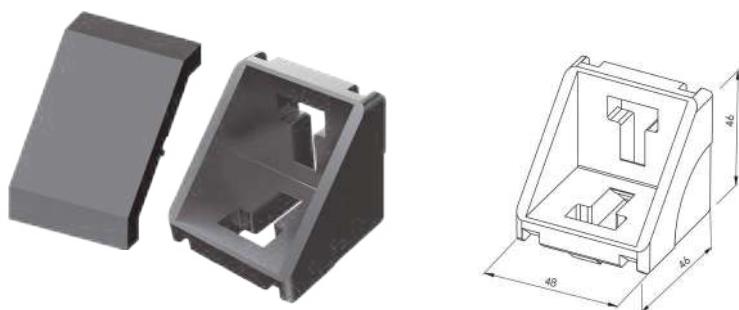
Para la fijación de tableros y paneles en las mesas de trabajo. Permite cambiar fácilmente el tablero.

Application

To fix board on working tables. Board can be easily be removed.

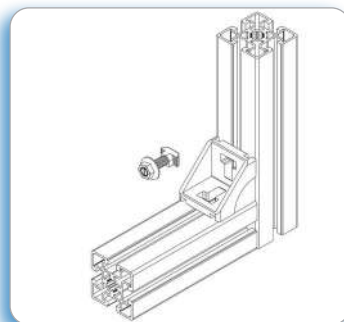


Escuadra 46x46x48 **Aluminio fundido**
Connection angle 46x46x48 **Die-cast aluminium**



	Producto / Product	
53305	Escuadra / angle	0,07
53305T-BLCK	Tapeta / cover	0,17

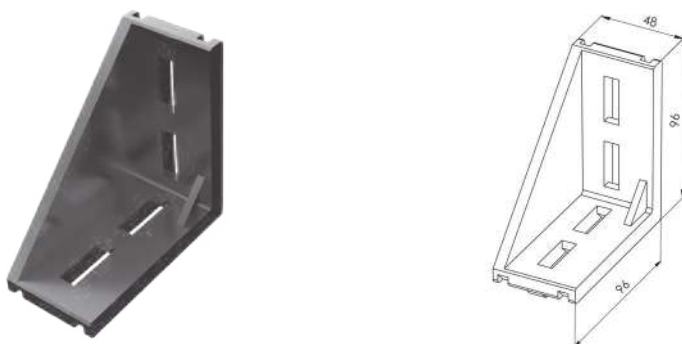
50



Aplicación
Para la unión de perfiles a 90°. Las pestañas de posicionamiento pueden ser eliminadas. Se recomienda su fijación mediante tornillo cabeza martillo M8x25.

Application
For right-angled and power-lock connection of profiles. Positioning studs can easily be removed by pressing with a screwdriver. It can be fixed to the profile using hammer head bolts M8x25.

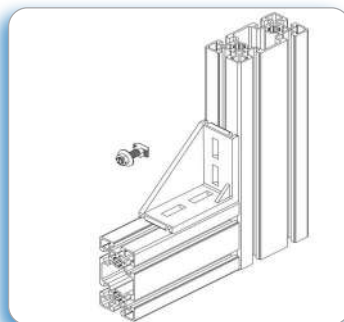
Escuadra 96x96x48 **Aluminio fundido**
Connection angle 96x96x48 **Die-cast aluminium**



53306	0,21	

50

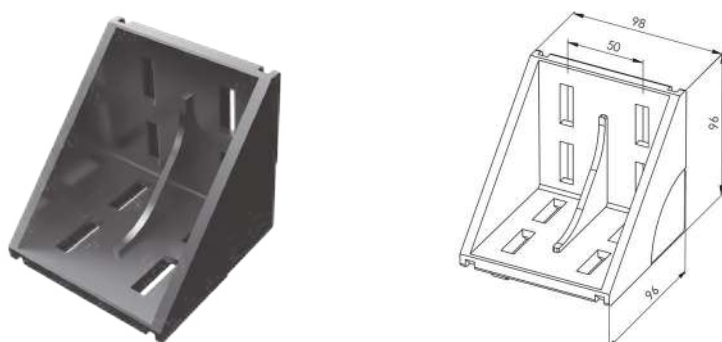
100



Aplicación
Para la unión de perfiles a 90°. Las pestañas de posicionamiento pueden ser eliminadas. Se recomienda su fijación mediante tornillo cabeza martillo M8x25.

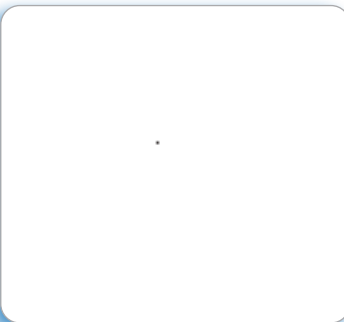
Application
For right-angled and power-lock connection of profiles. Positioning studs can easily be removed by pressing with a screwdriver. It can be fixed to the profile using hammer head bolts M8x25.

Escuadra 96x96x98 **Aluminio fundido**
Connection angle 96x96x98 **Die-cast aluminium**



53307	0,46	

100



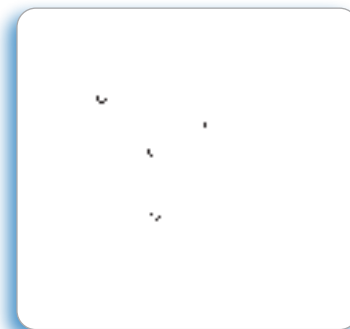
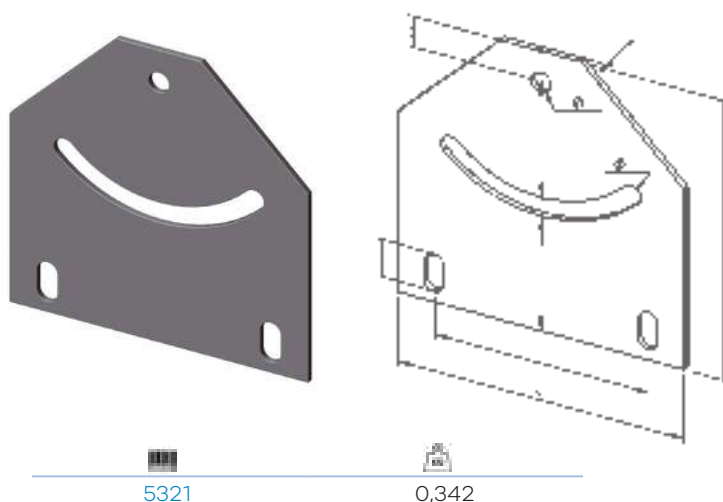
Aplicación
Para la unión de perfiles a 90°. Las pestañas de posicionamiento pueden ser eliminadas. Se recomienda su fijación mediante tornillo cabeza martillo M8x25.

Application
For right-angled and power-lock connection of profiles. Positioning studs can easily be removed by pressing with a screwdriver. It can be fixed to the profile using hammer head bolts M8x25.



Placa giratoria **Acero zincado**

Adjustable angle plate **Zinc plated steel**



Aplicación

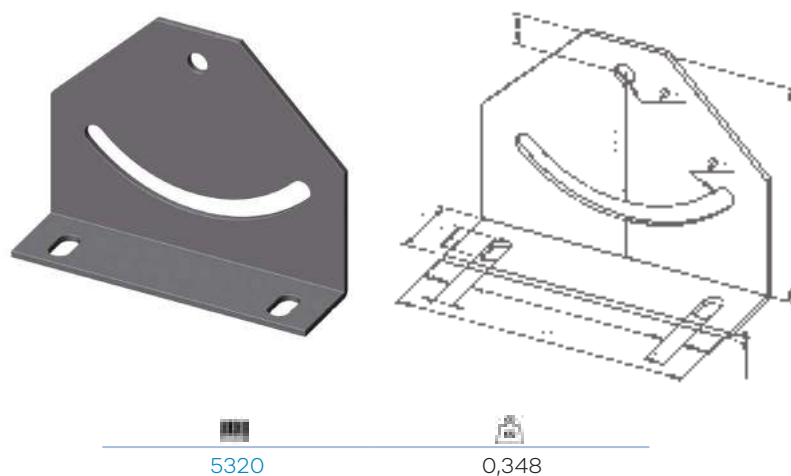
Permite la unión de los perfiles a distintos ángulos mediante la regulación del tornillo central.

Application

For the dynamic connection of profiles at different angles, adjusting the central bolt.

Escuadra giratoria **Acero zincado**

Adjustable angle bracket **Zinc plated steel**



Aplicación

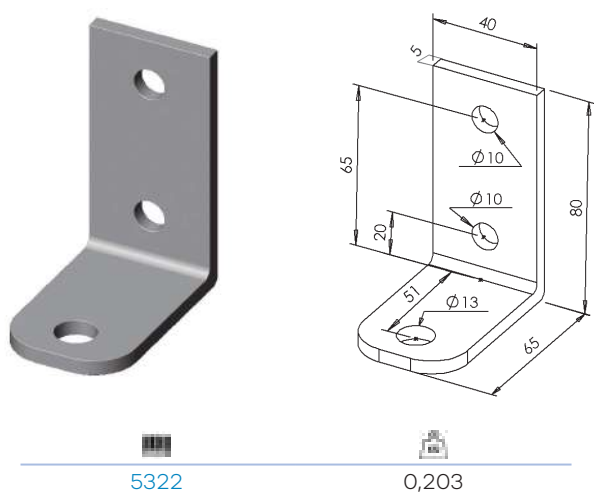
Permite la unión de los perfiles a distintos ángulos mediante la regulación del tornillo central. De uso en estanterías y bandejas.

Application

For the dynamic connection of profiles at different angles, adjusting the central bolt. For the construction of shelves, trays,...

Ángulo de sujeción para marcos de protección **Acero zincado**

Assembly bracket for protection panels **Zinc plated steel**



40
5
65
20
80
51
65
13
10
10



Aplicación

Para la sujeción de los paneles de protección a los soportes verticales anclados al suelo. Requiere 2 tornillos cabeza martillo M8x20 y un pivote guía o un tornillo autorroscante para su fijación.

Application

For fixing protection panels to vertical fencing posts. Assembly requires 2 hammer head bolts and a guiding or socket bolt.



Ángulo de sujeción 60x60x30 **Aluminio anodizado**
Assembly bracket for protection panels **Anodized aluminium**



53221

0,066

30°
.16



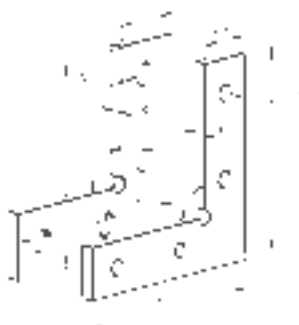
Aplicación

Permite la sujeción de los paneles de protección a los verticales. Requiere 2 tornillos cabeza martillo M8x25 para su fijación y un pivote guía o tornillo autorroscante para la fijación del panel.

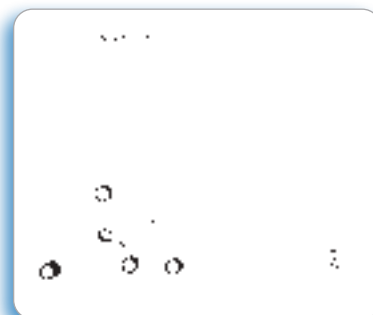
Application

For fixing protection panels to vertical fencing posts. Assembly requires 2 hammer head bolts and a socket bolt.

Escuadra interior 90° **Acero zincado**
Interior corner bracket 90° **Zinc plated steel**



90°
30°
30°



Aplicación

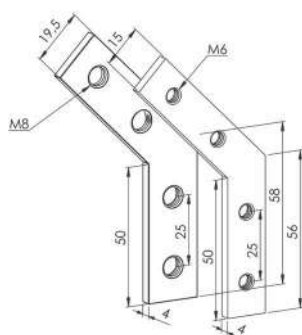
Para la unión interior de perfiles a 90°. El montaje requiere perfiles cortados en ángulo de 45°. De uso para montaje de puertas y marcos. El suministro incluye 4 espárragos de fijación.

Application

For the internal right-angled connection of profiles. Assembly requires end profiles cut at an angle of 45°. Used in door and frame assemblies. Standard supply includes 4 fixing screws.

5303	35/45/50/60/90	0,047
5306	30	0,050
5307	40/80	0,054
53062	20x20	0,017

Escuadra interior 135° **Acero zincado**
Interior corner bracket 135° **Zinc plated steel**



135°
30°



Otros ángulos bajo consulta
Other angles upon request

Aplicación

Para la unión interior de perfiles a 135° y canal 10 mm. El montaje requiere perfiles cortados en ángulo de 67,5°. El suministro incluye 4 espárragos M8.

Application

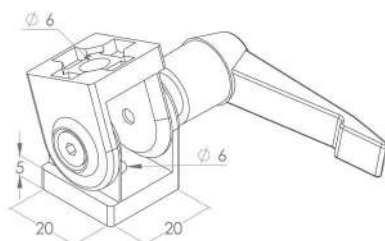
For the internal connection of profiles at an angle of 135°. Assembly requires end profiles cut at an angle of 67,5°. Standard supply includes 4 M8 fixing screws.

5304	35/45/50/60/90	0,046
53042	30	0,053
53041	40/80	0,058



Articulación regulable 20x20 **Aluminio**

Pivot joint 20x20 with locking lever **Aluminium**

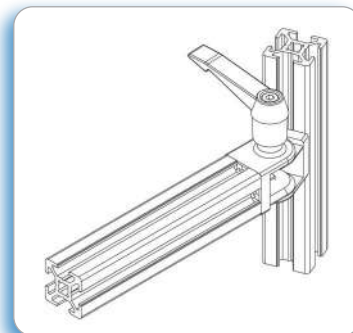


53248



0,052

20



Aplicación

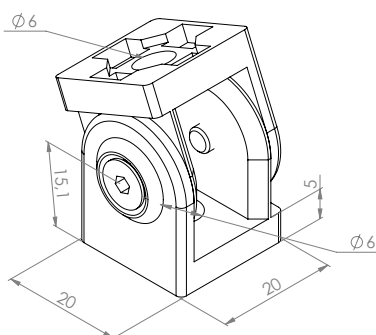
Permite la unión de perfiles en ángulo.
Posibilidad de bloqueo del ángulo mediante la empuñadura graduable.

Application

For connecting profiles at various angles. The angle can be locked turning the locking lever.

Articulación 20x20 **Aluminio**

Pivot joint 20x20 **Aluminium**

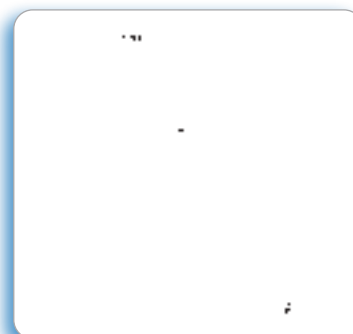


53247



0,150

20



Aplicación

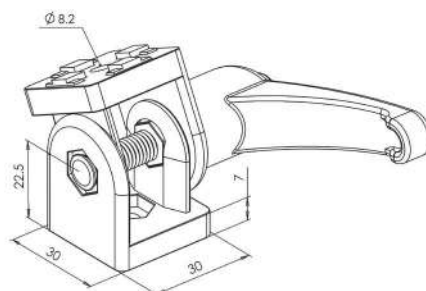
Para la construcción de refuerzos o uniones de perfiles en ángulo.

Application

As reinforcements or for connecting profiles at various angles.

Articulación regulable 30x30 **Aluminio**

Pivot joint 30x30 with locking lever **Aluminium**



53244



0,159

30



Aplicación

Permite la unión de perfiles en ángulo.
Posibilidad de bloqueo del ángulo mediante la empuñadura graduable.

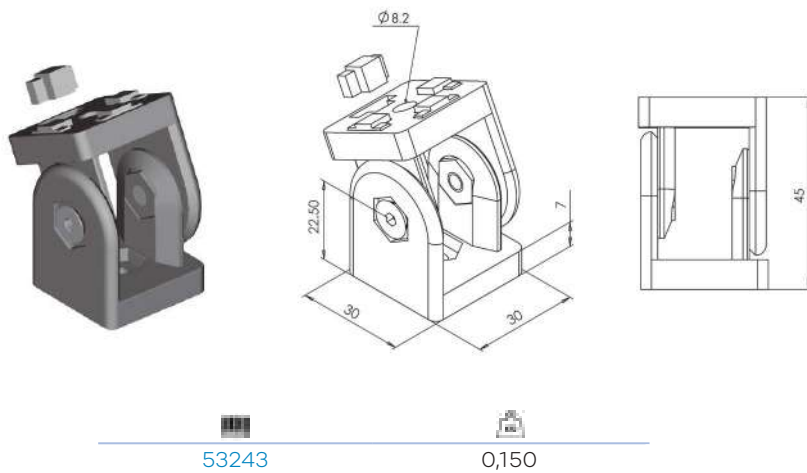
Application

For connecting profiles at various angles. The angle can be locked turning the locking lever.



Articulación 30x30 **Aluminio**

Pivot joint 30x30 **Aluminium**



Aplicación

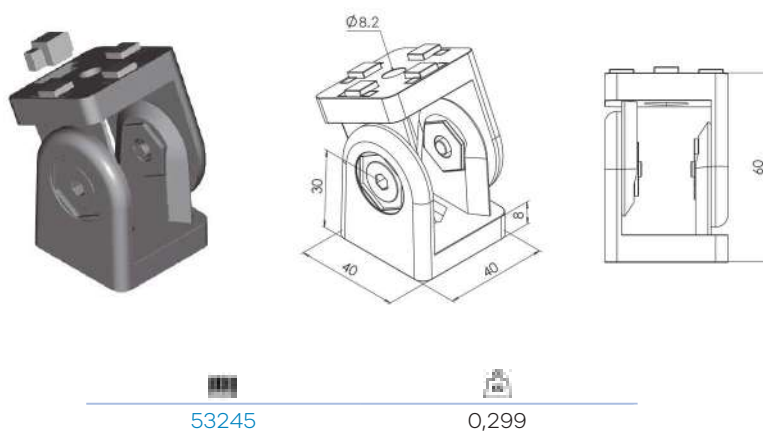
Para la construcción de refuerzos o uniones de perfiles en ángulo.

Application

As reinforcements or for connecting profiles at various angles.

Articulación 40x40 **Aluminio**

Pivot joint 40x40 **Aluminium**



Aplicación

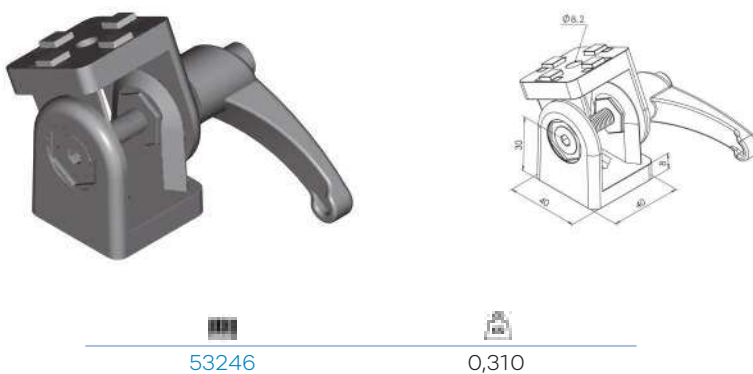
Para la construcción de refuerzos o uniones de perfiles en ángulo.

Application

As reinforcements or for connecting profiles at various angles.

Articulación regulable 40x40 **Aluminio**

Pivot joint 40x40 with locking lever **Aluminium**



Aplicación

Permite la unión de perfiles en ángulo. Posibilidad de bloqueo del ángulo mediante la empuñadura graduable. Para unir al extremo de perfil, es necesario usar un casquillo reductor M12>M8 Cod. 52918.

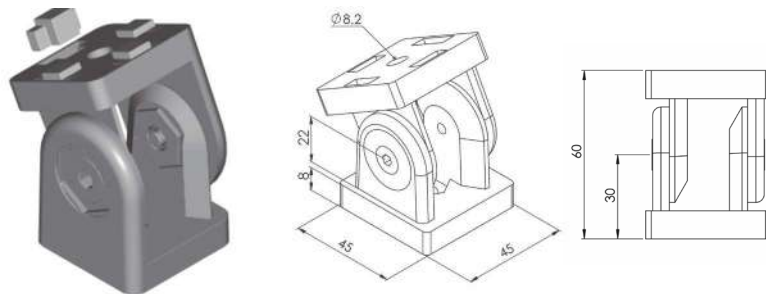
Application

For connecting profiles at various angles. The angle can be locked turning the locking lever. A threaded insert M12>M8 Cod. 52918 must be used if assembled to the end of a profile.



Articulación 45x45 **Aluminio**

Pivot joint 45x45 **Aluminium**

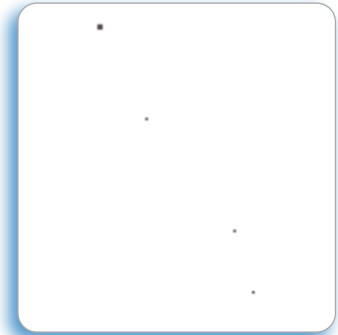


53241



0,324

43



Aplicación

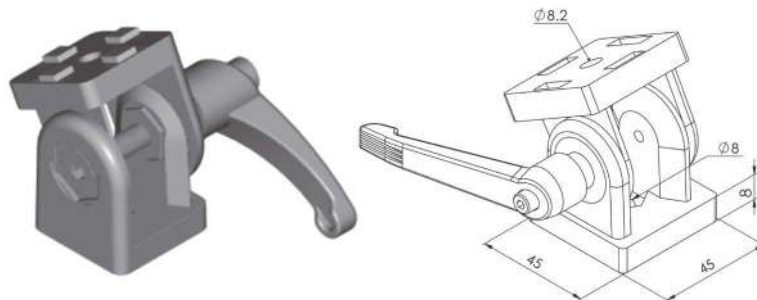
Para la construcción de refuerzos o uniones de perfiles en ángulo. Para unir al extremo de perfil, es necesario usar un casquillo reductor M12>M8 Cod. 52918.

Application

As reinforcements or for connecting profiles at various angles. A threaded insert M12>M8 Cod. 52918 must be used if assembled to the end of a profile.

Articulación regulable 45x45 **Aluminio**

Pivot joint 45x45 with locking lever **Aluminium**

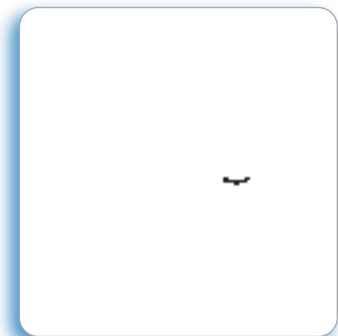


53242



0,337

43



Aplicación

Permite la unión de perfiles en ángulo. Posibilidad de bloqueo del ángulo mediante la empuñadura graduable. Para unir al extremo del perfil, es necesario usar un casquillo reductor M12>M8 Cod. 52918

Application

For connecting profiles at various angles. The angle can be locked turning the locking lever. A threaded insert M12>M8 Cod. 52918 must be used if assembled to the end of a profile.

Tornillo trilobular autorroscante **Acero zincado / Inox**

Trilobular thread rolling screw **Zinc plated steel / Stainless Steel**

TAPTITE® TORX T-50



53619

53619-Inox



0,033

0,034

INOX



Aplicación

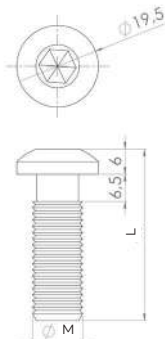
Unión económica de perfiles en perpendicular. Gran facilidad en formación de rosca (no es necesario roscar previamente el núcleo del perfil). Ensamblajes seguros y resistentes.

Application

Economic right-angled profile joint. Low drive torque. Safe and strong assemblies.



Tornillo de unión **Acero 8.8 zincado**
Socket bolt **Zinc plated steel 8.8**



8.8

INOX



Aplicación

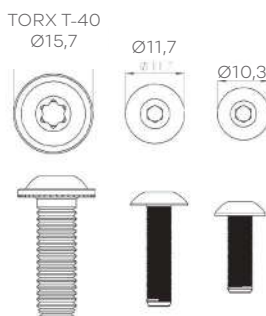
Unión económica de perfiles en perpendicular. El tornillo se rosca directamente en el núcleo central del perfil.

Application

Economic right-angled profile joint. Socket bolt is screwed across the central hole of the profile.

	M X L	
536112	M12x40	0,035
536114	M14x35	0,039
536112-INOX	M12x40	0,036

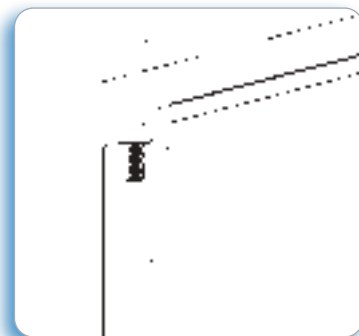
Tornillo autorroscante **Acero zincado**
Socket bolt **Zinc plated steel**



20

25

30



Aplicación

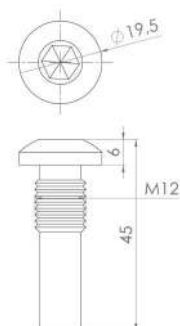
Unión económica de perfiles en perpendicular. El tornillo se rosca directamente en el núcleo central del perfil.

Application

Economic right-angled profile joint. Socket bolt is screwed across the central hole of the profile.

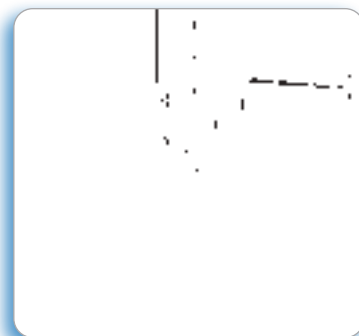
53618	30	M8x25	0,012
53616	25	M6x20	0,005
53615	20	M6x16	0,005

Pivote guía para ángulo de sujección **Acero inox. A2**
Guiding bolt **Stainless steel, A2**



A2

INOX



Aplicación

Para la colocación de los paneles de protección sobre el ángulo de sujección.

Application

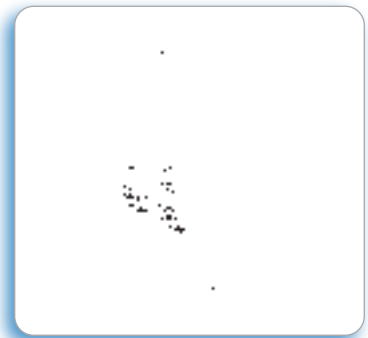
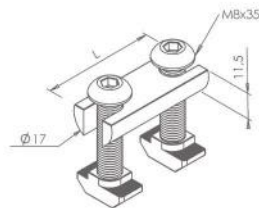
For fixing protection panels on the assembly bracket.

5360	0,337



Brida de unión **Acero zincado** Fastening set **Zinc plated steel**

5370



5370	45	0,039
53740	40	0,036
53760	60	0,058

40/45/60	20 mm	Ø 17 mm

Aplicación

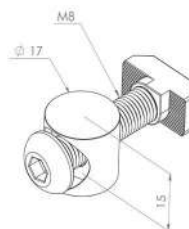
Para la unión de perfiles sometidas a fuertes cargas, movimientos, vibraciones, etc. Transmite las fuerzas de forma simétrica a la vez que impide el giro de los perfiles.

Application

For the right-angled connection of profiles subjected to heavy duty loads, movements, vibrations,... Enables anti-rotation along with symmetric transmission of forces.

Perno de anclaje **Acero zincado** Pin Connector **Zinc plated steel**

5371



5371	40/45/50/60/80/90	0,033

A	B		
40/45/50/60/80/90	40/45/50/60/80/90	22,5 mm	Ø 17 mm

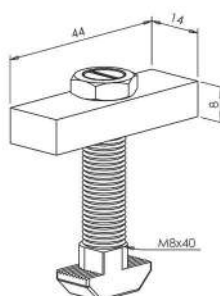
Aplicación

Permite la unión de perfiles en ángulo recto. Especialmente en aquellos perfiles sin núcleo central.

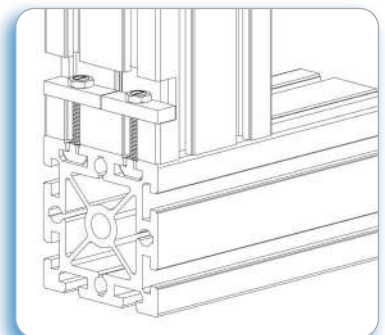
Application

For right-angled and dynamic connection of profiles. Specially in those profiles without central hole.

Empalmador transversal **Acero zincado** Roller ball **Zinc plated steel**



5373	0,034



Aplicación

Para uniones firmes de perfiles pesados. Se necesita mecanización del perfil.

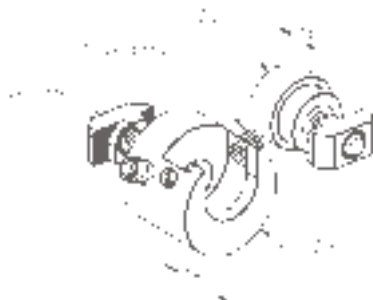
Application

For solid join of strong profiles. Machining is required.



Anclaje para panel desmontable **Acero zincado**

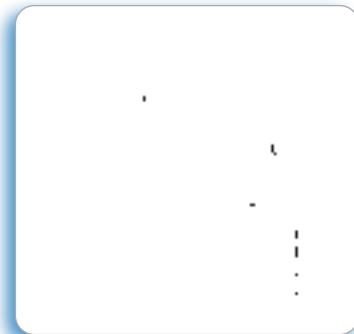
Detachable panel hanger **Zinc plated steel**



5211



0,107



Aplicación

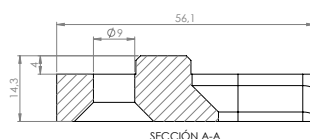
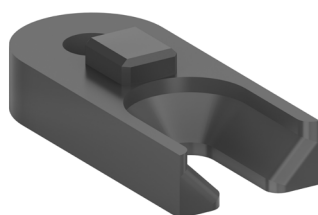
Permite montar y desmontar paneles de protección de forma rápida. El tornillo de seguridad impide que se desmonte de forma involuntaria.

Application

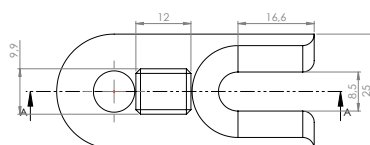
Enables a quick assembly of detachable protection panels. Security screw avoids removing panels unintentionally.

Anclaje ligero panel **Poliamida con fibra de carbono**

Lightweight panel hanger **Polyamide with carbon fiber**



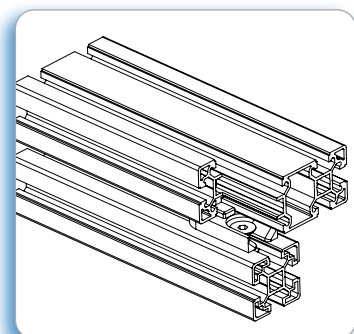
40



5211-L



0,0409



Aplicación

Permite montar y desmontar paneles de protección de forma rápida. El tornillo de seguridad impide que se desmonte de forma involuntaria.

Application

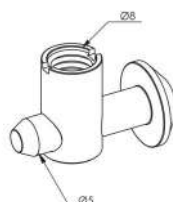
Enables a quick assembly of detachable protection panels. Security screw avoids removing panels unintentionally.

Conector cabeza redonda, canal 6 mm **Acero zincado**

Round head joint, 6 mm slot **Zinc pated steel**

20

25



535220



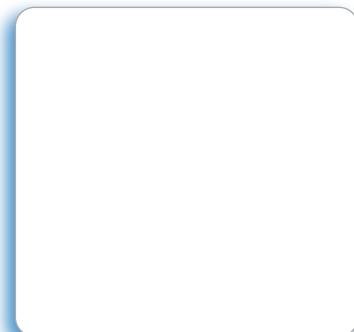
8,1 mm



10,2 mm.



0,007



Aplicación

Para la unión de perfiles en ángulo recto. Permite la orientación del casquillo en cualquier posición. Debe ser introducido desde el extremo del perfil.

Application

For right-angled and dynamic connection of profiles. Clamping cylinder can be oriented at any position. It must be inserted from the front side of the profile.



Conector perpendicular, canal 6mm **Acero zincado**

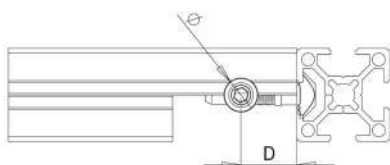
Perpendicular joint, 6 mm slot **Zinc plated steel**



20

25

	Ø	D	
535020	8,1 mm	10,2 mm.	0,007



Aplicación

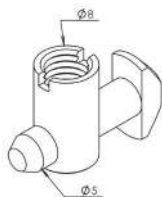
Permite la unión de perfiles en ángulo recto. La orientación del casquillo es perpendicular a la cabeza del martillo del vástago. Posibilidad de inserción desde cualquier parte del perfil mediante giro.

Application

For right-angled and dynamic connection of profiles. Clamping cylinder is oriented perpendicular to the T-head rod. Profiles can be connected sideways at any point of the profile slot.

Conector paralelo, canal 6mm **Acero zincado**

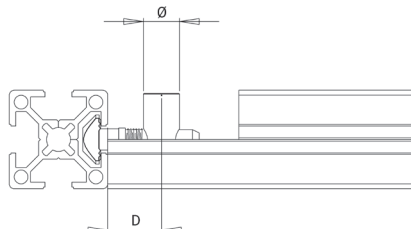
Parallel joint, 6 mm slot **Zinc plated steel**



20

25

	Ø	D	
535120	8,1 mm	10,2 mm.	0,007



Aplicación

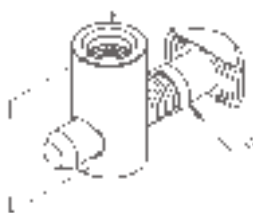
Permite la unión de perfiles en ángulo recto. La orientación del casquillo es paralelo a la cabeza del martillo del vástago. Posibilidad de inserción desde cualquier parte del perfil mediante giro.

Application

For right-angled and dynamic connection of profiles. Clamping cylinder is oriented parallel to the T-head rod. Profiles can be connected sideways at any point of the profile slot.

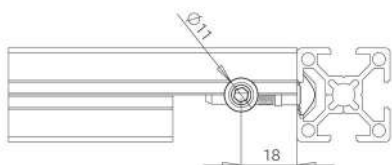
Conector perpendicular, canal 8mm **Acero zincado**

Perpendicular joint, 8 mm slot **Zinc plated steel**



30

	Ø	D	
535030	11 mm	0,020	



Aplicación

Permite la unión de perfiles en ángulo recto. La orientación del casquillo es perpendicular a la cabeza del martillo del vástago.

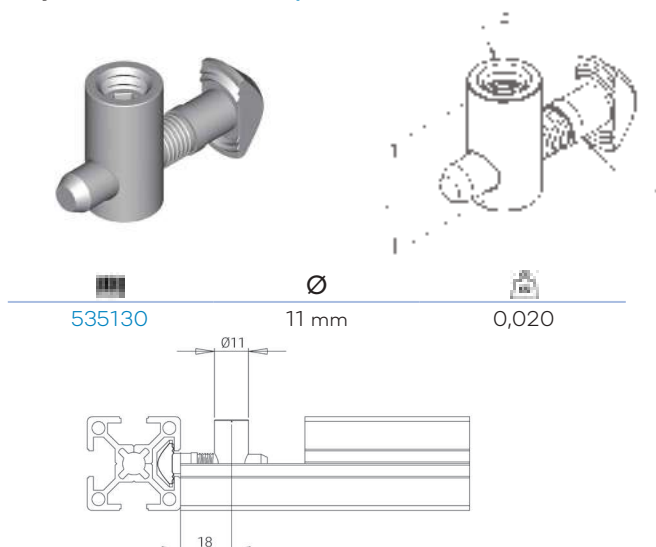
Application

For right-angled and dynamic connection of profiles. Clamping cylinder is oriented perpendicular to the T-head rod.



Conector paralelo, canal 8 mm **Acero zincado**

Parallel joint, 8 mm slot **Zinc plated steel**



Aplicación

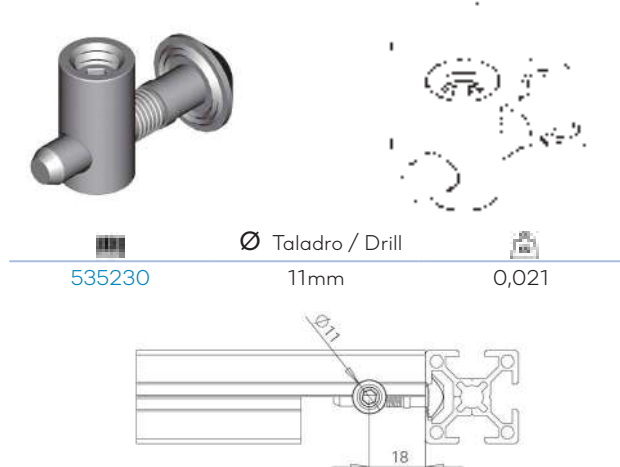
Permite la unión de perfiles en ángulo recto. La orientación del casquillo es paralelo a la cabeza del martillo del vástago. Posibilidad de inserción desde cualquier parte del perfil mediante giro.

Application

For right-angled and dynamic connection of profiles. Clamping cylinder is oriented parallel to the T-head rod. Profiles can be connected sideways at any point of the profile slot.

Conector cabeza redonda, canal 8 mm **Acero zincado**

Round head joint, 8 mm slot **Zinc plated steel**



Aplicación

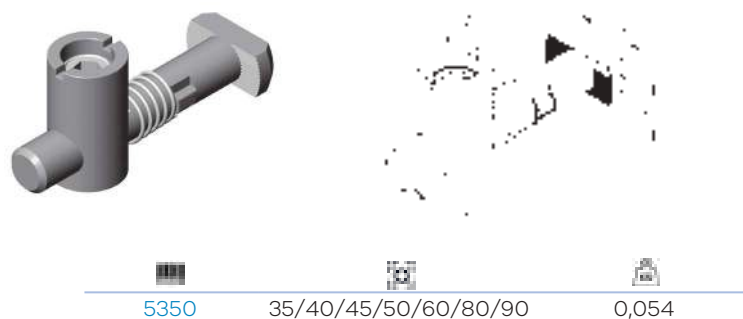
Para la unión de perfiles en ángulo recto. Permite la orientación del casquillo en cualquier posición. Debe ser introducido desde el extremo del perfil.

Application

For right-angled and dynamic connection of profiles. Clamping cylinder can be oriented at any position. It must be inserted from the from of the profile slot.

Conector perpendicular, canal 10 mm **Acero zincado**

Perpendicular joint, 10 mm slot **Zinc plated steel**



Aplicación

Permite la unión de perfiles en ángulo recto. La orientación del casquillo es perpendicular a la cabeza de martillo del vástago. Posibilidad de inserción desde cualquier parte del perfil mediante giro.

Application

For right-angled and dynamic connection of profiles. Clamping cylinder is oriented perpendicular to the T-head rod. Profiles can be connected sideways at any point of the profile slot.

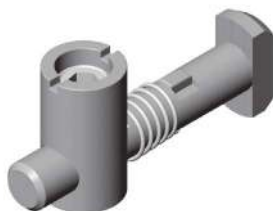
A	B	L	Ø
35	35	37 mm	15 mm
40	40	33 mm	15 mm





Conector paralelo, canal 10 mm Acero zincado

Parallel joint, 10 mm slot Zinc plated steel



5351



Aplicación

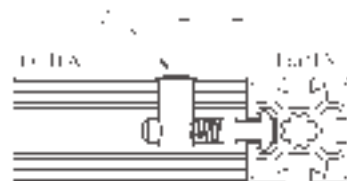
Permite la unión de perfiles en ángulo recto. La orientación del casquillo es paralelo a la cabeza de martillo del vástago. Posibilidad de inserción desde cualquier parte del perfil mediante giro.

Application

For right-angled and dynamic connection of profiles. Clamping cylinder is oriented parallel to the T-head rod. Profiles can be connected sideways at any point of the profile slot.

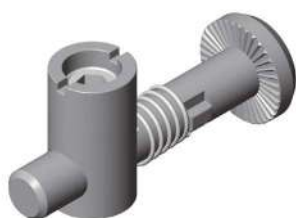
		
5351	35/40/45/50/60/80/90	0,054

A 	B 	L 	Ø
35	35	37 mm	15 mm
40	40	33 mm	15 mm
45	45	33 mm	15 mm



Conector cabeza redonda, canal 10 mm Acero zincado

Round head joint, 10 mm slot Zinc plated steel



5352



Aplicación

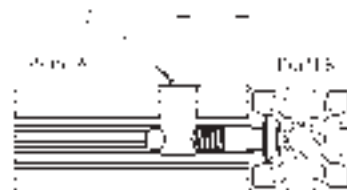
Para la unión de perfiles en ángulo recto. Permite la orientación del casquillo en cualquier posición. Debe ser introducido desde el extremo del perfil.

Application

For right-angled and dynamic connection of profiles. Clamping cylinder can be oriented at any position. It must be inserted from the front of the profile slot.

		
5352	35/40/45/50/60/80/90	0,056

A 	B 	L 	Ø
35	35	37 mm	15 mm
40	40	33 mm	15 mm
45	45	33 mm	15 mm





Conector cabeza redonda corto, canal 10 mm **Acero zincado**
Round head short joint, 10 mm slot **Zinc plated steel**



Aplicación

Para la unión frontal de perfiles en cruz, permite la orientación del casquillo en cualquier posición. Debe ser introducido desde el extremo del perfil.

Application

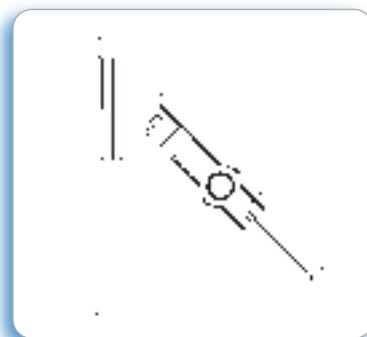
For cross joint of profiles. It must be inserted from the front of the profile slot.

535840	40/80	0,048
5358	45/90	0,056

A	B		ØA	ØB
40	40/45/50/60/80/90	20 mm	15 mm	10 mm
45	40/45/50/60/80/90	22,5 mm	15 mm	10 mm



Conector articulado canal 10 mm **Acero zincado**
Articulated joint, 10 mm slot **Zinc plated steel**



Aplicación

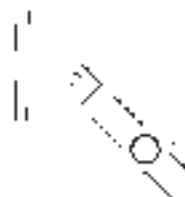
Para la unión de perfiles en ángulo. Posibilidad de inserción desde cualquier parte del perfil mediante giro.

Application

For the dynamic connection of profiles in angle. Profiles can be connected sideways at any point of the profile slot.

53551	35/40/45/50/60/80/90	0,053

A	B	α°		Ø
35	35	45°	39 mm	15 mm
40	40	45°	35 mm	15 mm
45	45	45°	35 mm	15 mm
60	60	45°	35 mm	15 mm





Conector articulado cabeza redonda, canal 10 mm **Acero zincado**

Round head articulated joint, 10 mm slot **Zinc plated steel**



 5355  35/40/45/50/60/80/90  0,058

A 	B 	α°	L 	$\varnothing$
35	35	45°	59 mm	15 mm
40	40	45°	58 mm	15 mm
45	45	45°	60 mm	15 mm



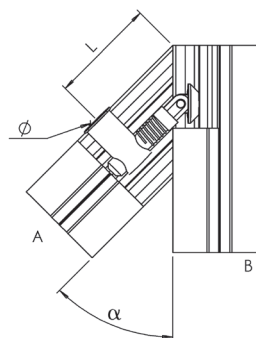


Aplicación

Para la unión de perfiles en ángulo. La orientación del casquillo es paralela al ángulo de giro del conector. Debe ser introducido desde el extremo del perfil.

Application

For the dynamic connection of profiles at an angle of 45°-90°. Clamping cylinder is oriented parallel to the rotation angle. It must be inserted from the front of the profile slot.



Conector con rosca M8, canal 10 mm **Acero zincado**

Internal M8 thread joint, 10 mm slot **Zinc plated steel**



 5354  35/40/45/50/60/80/90  0,040

 35/40/45/60/80/90  30 mm  15 mm





Aplicación

Permite la unión de perfiles con todo tipo de paneles o superficies. Permite la orientación del casquillo en cualquier posición.

Application

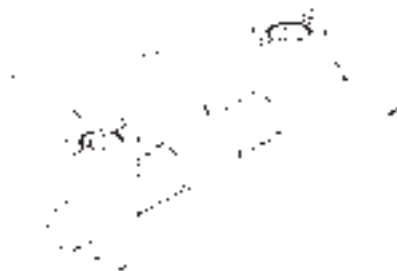
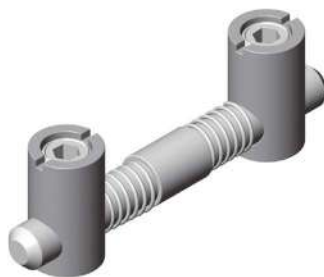
For fixing profiles to any panel or surface. Clamping cylinder can be oriented at any position.



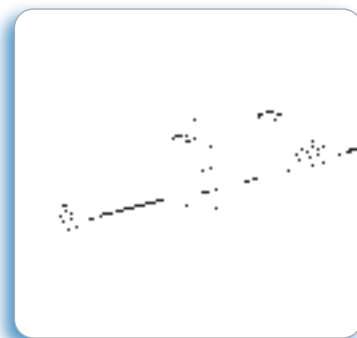


Conector doble, canal 10 mm **Acero zincado**

Butt joint, 10 mm slot **Zinc plated steel**



5353



Aplicación

Para la unión de perfiles de forma segura.

Application

For a secure connection of profiles.

		
5353	35/40/45/50/60/80/90	0,086
		
35/40/45/60/80/90	28 mm	15 mm

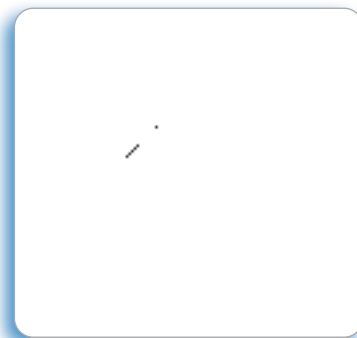


Conector doble articulado, canal 10 mm **Acero zincado**

Articulated butt joint, 10 mm slot **Zinc plated steel**



5359



Aplicación

Para la unión longitudinal segura de perfiles a distintos ángulos.

Application

For a secure longitudinal connection of profiles at different angles.

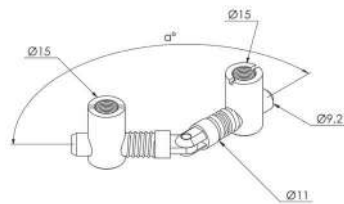
		
5359	35/40/45/50/60/80/90	0,088

L1	L2	α°	Ø
45	45	135	15
43	43	135	15
41	41	135	15

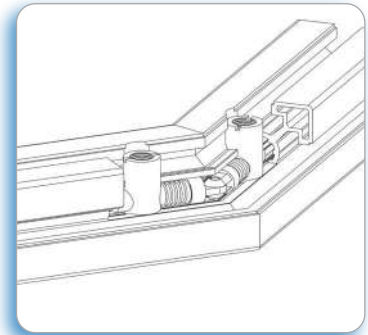


Conector 90° lateral, canal 10 mm **Acero zincado**

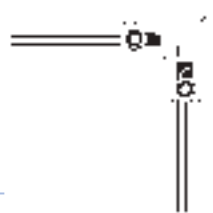
Lateral 90° joint, 10 mm slot **Zinc plated steel**



0,88



5356	35/40/45/50/60/80/90	0,088
45	60	15 mm
40	59	15 mm
35	56	15 mm



Aplicación

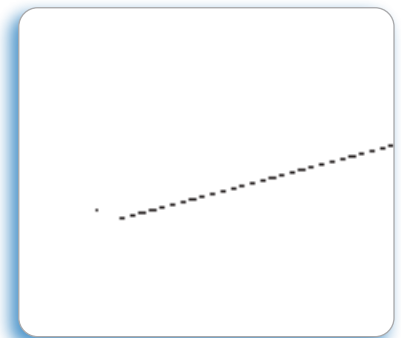
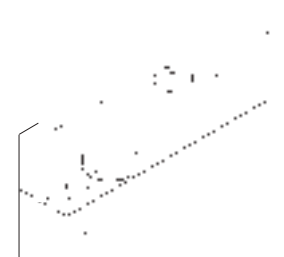
Para la unión de perfiles a 90°. La orientación del casquillo es lateral. De uso para montaje de puertas y marcos.

Application

For the right-angled connection of profiles. Clamping cylinder is oriented sideways.

Plantilla general para conectores **Aluminio/acero**

Drilling jig for joints **Aluminium/Steel**



5701	40/45/60/80/90	33 mm	0,265
5703	35	37 mm	0,265
5702	30	18 mm	0,176

Aplicación

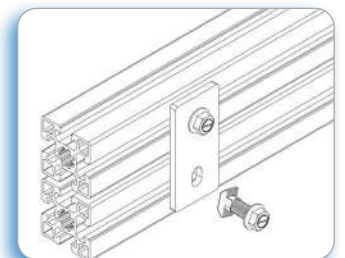
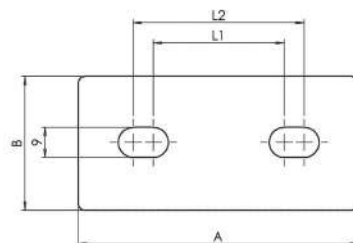
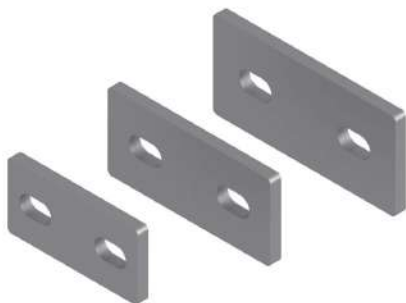
Facilita la ejecución de los taladros necesarios para el montaje de los diferentes tipos de conectores de perfiles.

Application

Helps guiding while drilling profiles to use with different types of joints.

Pletina de unión **Acero zincado**

Joint plate **Zinc plated steel**



5323	45	84	40	39	51	0,13
53231	40	75	35	34	46	0,11
53233	30	60	30	29	41	0,061

Aplicación

Para la unión de perfiles en paralelo. Tornillería no incluida.

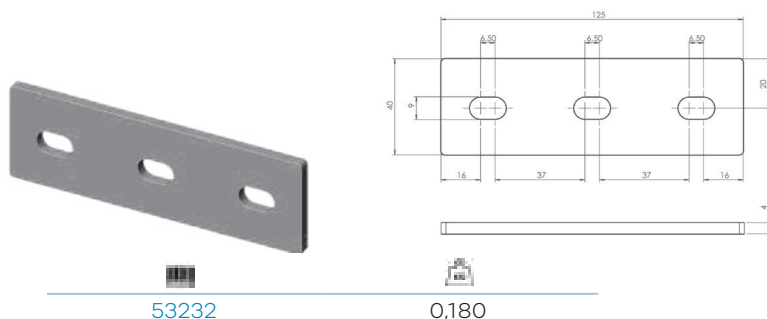
Application

For a parallel joint of profiles. Screws not included.



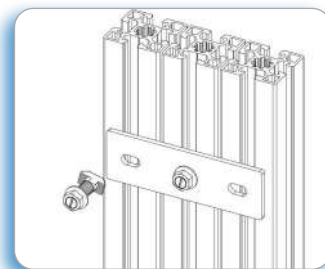
Pletina de unión triple **Acero zincado**

3 profiles Join plate **Zinc plated steel**



53232

0,180



Aplicación

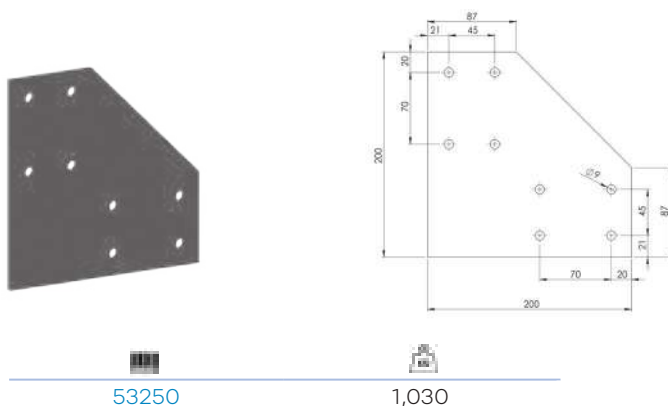
Para la unión de 3 perfiles en paralelo.
Tornillería no incluida

Application

For a parallel joint of 3 profiles.
Screws not included

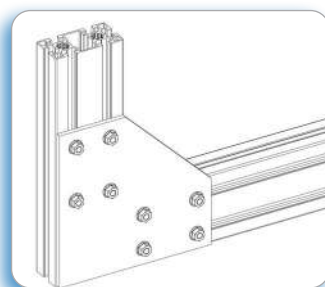
Placa de refuerzo **Acero zincado**

Reinforcement plate **Zinc plated**



53250

1,030



Aplicación

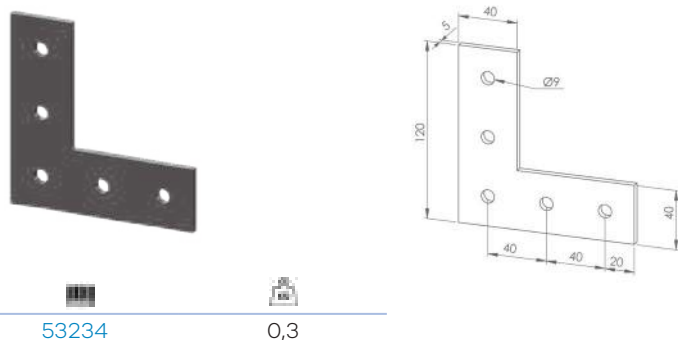
Para reforzar las uniones críticas entre perfiles. Se puede realizar con posterioridad a la unión de los perfiles. Espesor de 4 mm. Tornillería no incluida.

Application

Suitable for the reinforcement of critical joints between profiles. Assembly can be made after fixing the profiles. 4 mm thickness. Screws not included.

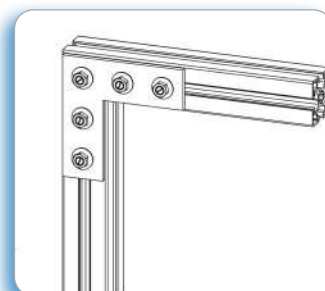
Pletina refuerzo 90° **Acero zincado**

Reinforcement plate 90° **Zinc plated**



53234

0,3



Aplicación

Para reforzar la unión entre perfiles sometidos a grandes cargas.

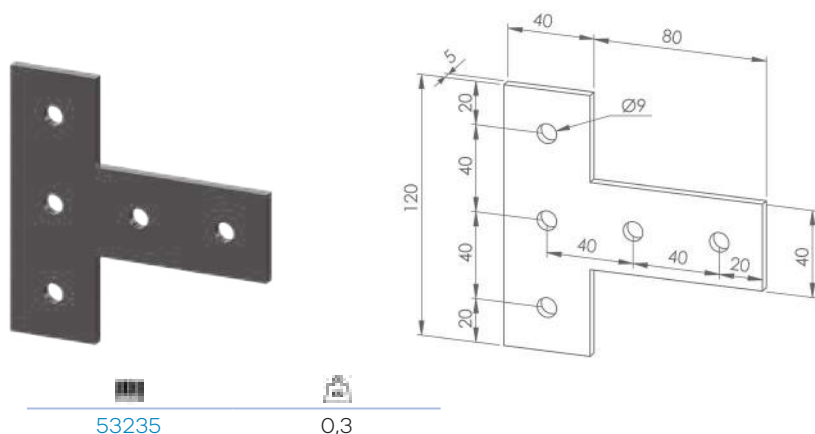
Application

For the reinforcement of profile joints with heavy loads.



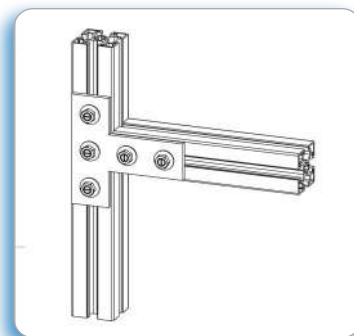
Pletina refuerzo en T **Acero zincado**

Reinforcement plate T **Zinc plated**



40

45



Aplicación

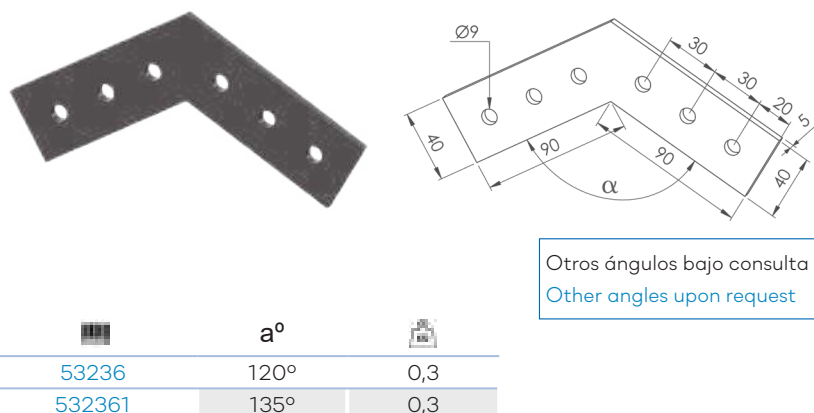
Para reforzar la unión entre perfiles sometidos a grandes cargas.

Application

For the reinforcement of profile joints with heavy loads.

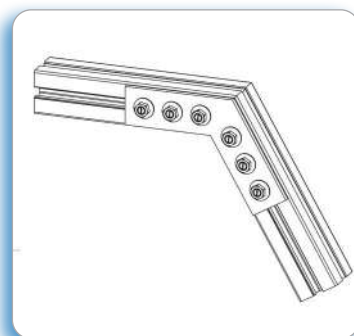
Pletina refuerzo en ángulo **Acero zincado**

Reinforcement angle plate **Zinc plated**



40

45



Aplicación

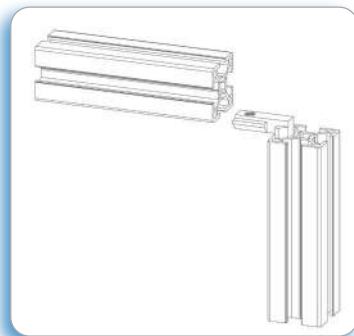
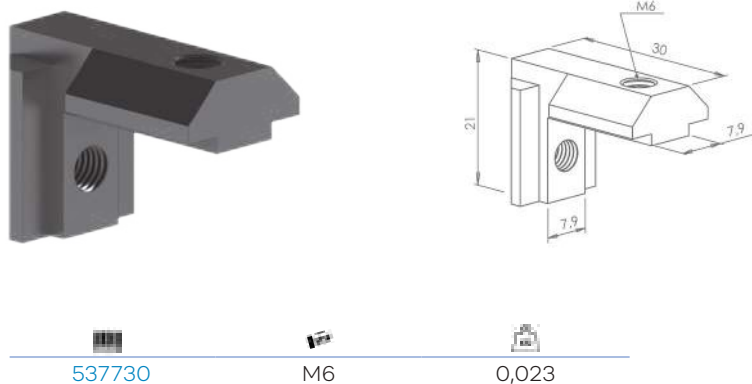
Para reforzar la unión entre perfiles sometidos a grandes cargas.

Application

For the reinforcement of profile joints with heavy loads.

Angulo interno (interior-interior) **Inyección de zinc**

Internal Angle (interior-interior) **Die-cast zinc**



Aplicación

Para la unión de perfiles en ángulo recto. Permite panelar. No necesita mecanización. Espárragos M6 incluidos.

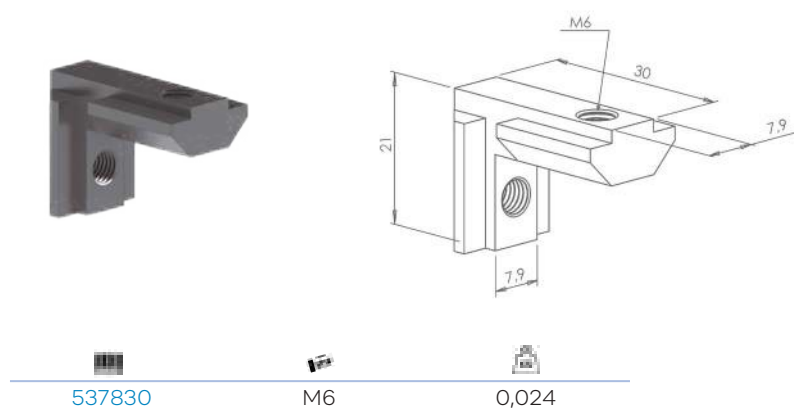
Application

For right-angled connection of profiles. Panels can be inserted in the slot. No machining needed. Screws M6 included.

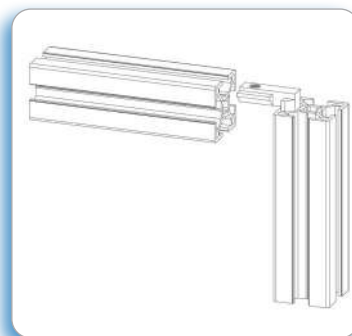


Angulo interno (interior-exterior) **Inyección de zinc**

Internal Angle (interior-exterior) **Die-cast zinc**



38



Aplicación

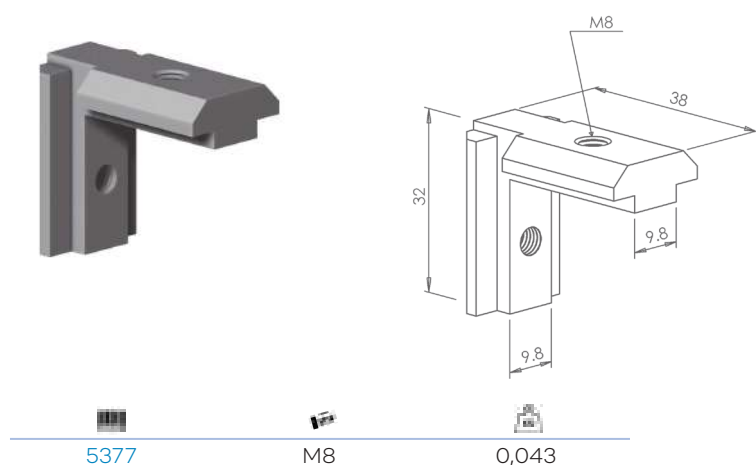
Para la unión de perfiles en ángulo recto. Permite panelar. No necesita mecanización. Espárragos M6 incluidos.

Application

For right-angled connection of profiles. Profiles can be inserted in the slot. No machining needed. Screws M6 included.

Angulo interno (interior-interior) **Inyección de zinc**

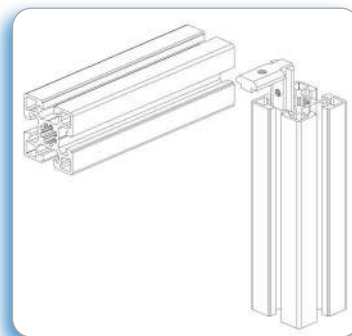
Internal Angle (interior-interior) **Die-cast zinc**



40

43

50



Aplicación

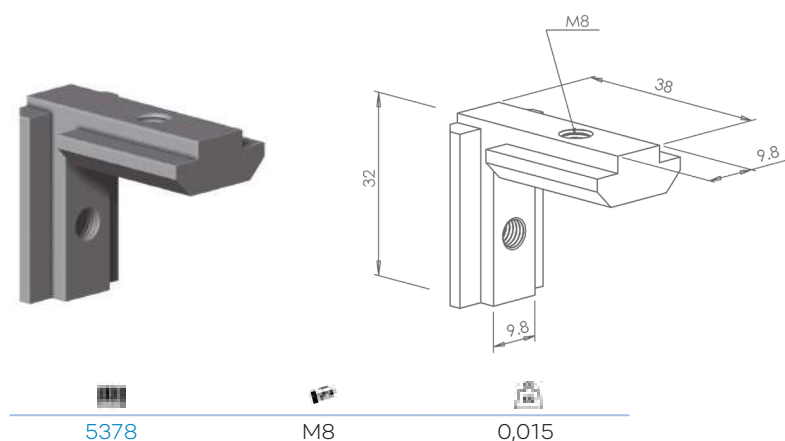
Para la unión de perfiles en ángulo recto. Permite panelar. No necesita mecanización. Espárragos M8 incluidos.

Application

For right-angled connection of profiles. Panels can be inserted in the slot. No machining needed. Screws M8 included.

Angulo interno (interior-exterior) **Inyección de zinc**

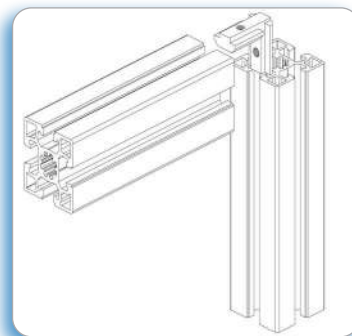
Internal Angle (interior-exterior) **Die-cast zinc**



40

43

50



Aplicación

Para la unión de perfiles en ángulo recto. Permite panelar. No necesita mecanización. Espárragos M8 incluidos.

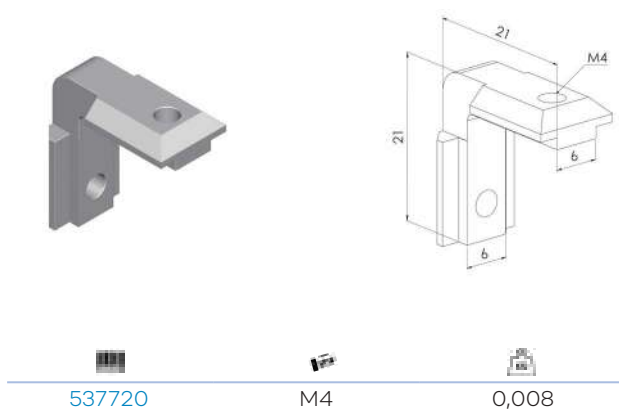
Application

For right-angled connection of profiles. Panels can be inserted in the slot. No machining needed. Screws M8 included.

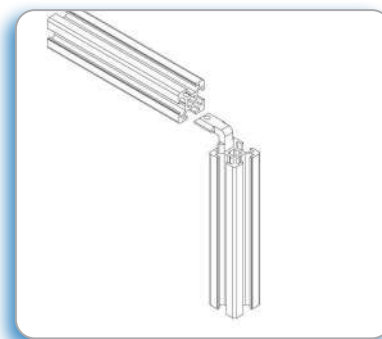


Ángulo interno (interior-interior) **Inyección de zinc**

Internal angle **Die-cast zinc**



20



Aplicación

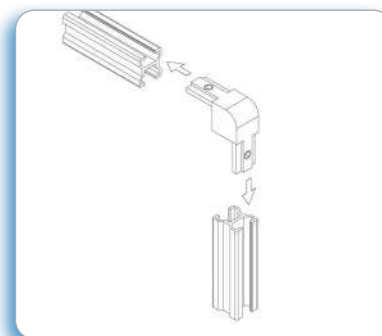
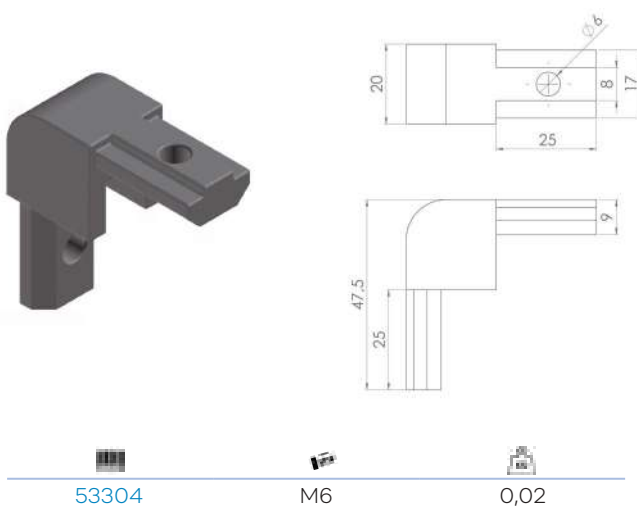
Para la unión de perfiles en ángulo recto. No necesita mecanización. Espárragos M4 incluidos.

Application

For right-angled connection of profiles. No machining needed. Screws M4 included.

Ángulo de unión perfil marco 20x22,5 **Poliamida reforzada**

Assembly bracket frame profile 20x22,5 **Fibreglass reinforced nylon**



Aplicación

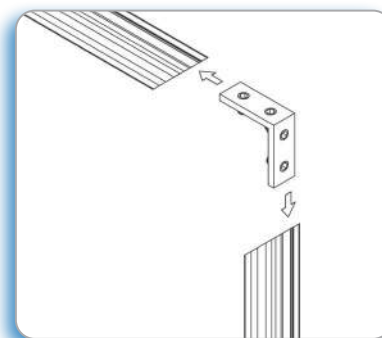
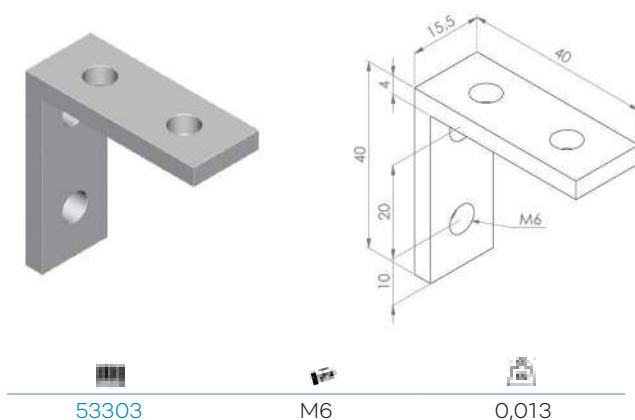
Para la unión de perfiles marco 20x22,5 cod.50946. Para su montaje, el perfil debe ser cortado en ángulo recto.

Application

Used for the assembly of frame profiles 20x22,5 cod. 50946. Profiles must be cut at a right angle.

Escuadra de unión perfil marco 20x22,5 **Aluminio anodizado**

Connection angle frame profile 20x22,5 **Anodized aluminium**



Aplicación

Para la unión de perfiles marco 20x22,5 cod.50946. Para su montaje, el perfil debe ser cortado en ángulo de 45°.

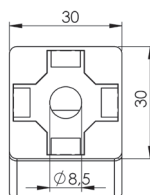
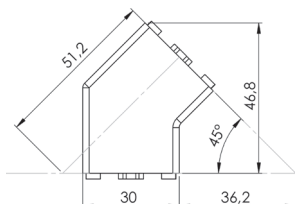
Application

Used for the assembly of 20x22,5 frame profiles cod. 50946. Profiles must be cut at 45° angle.

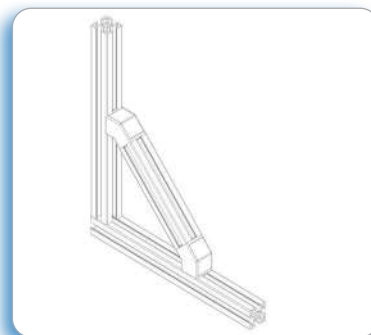


Empalmador 45° 30x30 **Inyección de zinc**

Connector angle 45° 30x30 **Die-cast zinc**



30°



Aplicación

Para unir dos perfiles de aluminio a 45°.
Incluye tapeta

Application

To connect two aluminium profiles at 45°.
Cover included



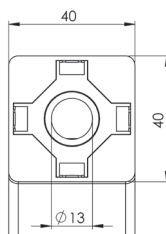
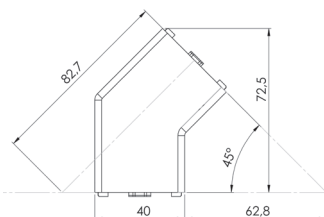
5376



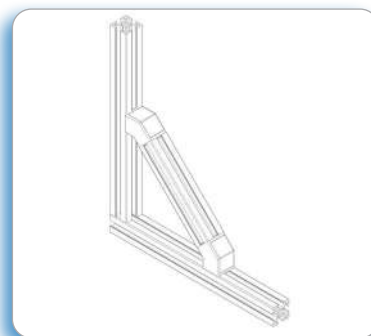
0,045

Empalmador 45° 40x40 **Inyección de zinc**

Connector angle 45° 40x40 **Die-cast zinc**



40°



Aplicación

Para unir dos perfiles de aluminio a 45°.
Incluye tapeta

Application

To connect two aluminium profiles at 45°.
Cover included



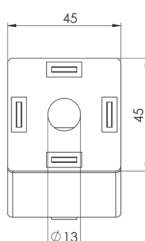
5375



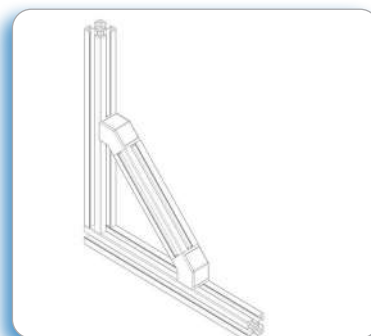
0,12

Empalmador 45° 45x45 **Inyección de zinc**

Connector angle 45° 45x45 **Die-cast zinc**



45°



Aplicación

Para unir dos perfiles de aluminio a 45°.
Incluye tapeta

Application

To connect two aluminium profiles at 45°.
Cover included



5374



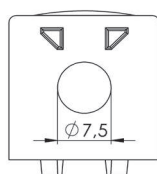
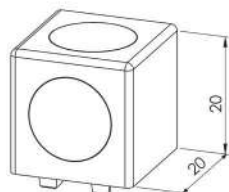
0,15



Unión cubo 2 salidas **Inyección de zinc**

Joining cube 2 exits **Die-cast zinc**

20x20

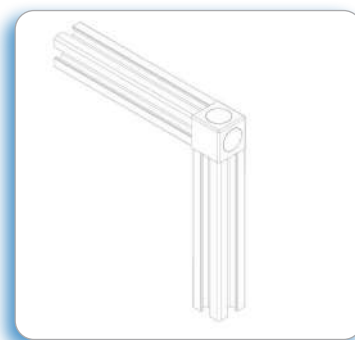


20

30

40

45



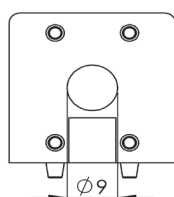
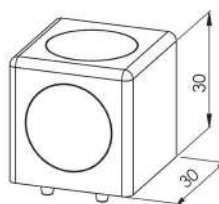
Aplicación

Para unir dos perfiles en angulo recto. Tapas y tornillos de unión incluidos.

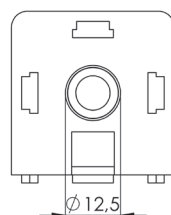
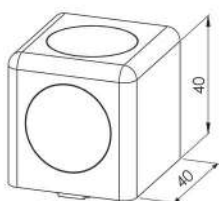
Application

To connect two aluminium profiles at right angles. Caps and screws included.

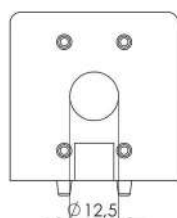
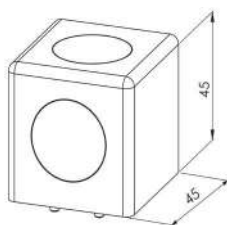
30x30



40x40



45x45



5394



20x20



0,03

5393

30x30

0,05

5392

40x40

0,09

5391

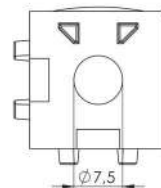
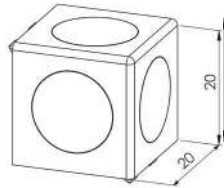
45x45

0,15



Unión cubo 3 salidas **Inyección de zinc**
Joining cube 3 exits **Die-cast zinc**

20x20

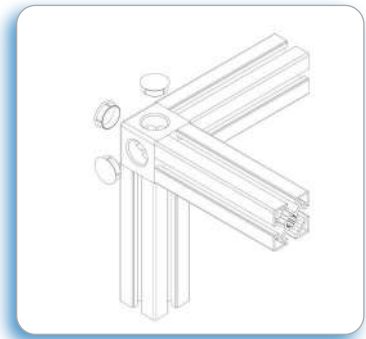


20

30

40

45



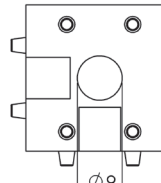
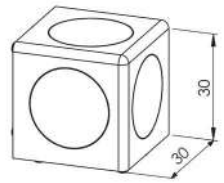
Aplicación

Para unir tres perfiles en angulo recto. Tapas y tornillos de unión incluidos

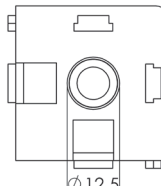
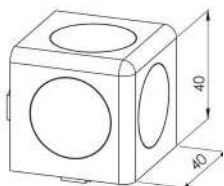
Application

To connect three aluminium profiles at right angles. Caps and screws included.

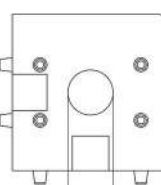
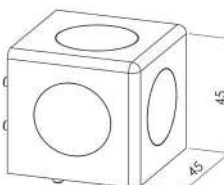
30x30



40x40



45x45



5384	20x20	0,03
5383	30x30	0,05
5382	40x40	0,09
5381	45x45	0,15



Ángulo de triple unión, perfil 30 **Inyección de zinc**

Triple connection angle, profile 30 **Die-cast zinc**



ÁNGULO/ANGLE 
5337


0,040

TAPETA/END COVER 
55013

 redonda/round

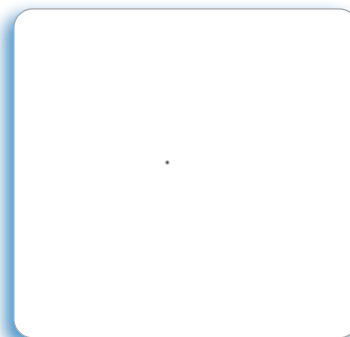

0,003

55016

cuadrada/square

0,005

30



Aplicación

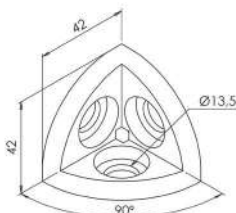
Para la unión de 3 perfiles en ángulo recto.
El suministro incluye 3 tornillos de fijación.

Application

For the right-angled connection of 3 profiles.
Standard supply includes 3 fixing screws.

Ángulo de triple unión, perfil 45 **Inyección de zinc**

Triple connection angle, profile 45 **Die-cast zinc**



ÁNGULO/ANGLE 
5338


0,137

TAPETA/END COVER 
55015

 redonda/round

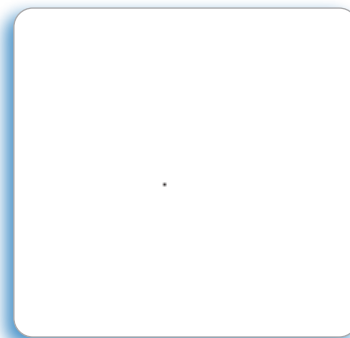

0,014

55018

cuadrada/square

0,024

45



Aplicación

Para la unión de 3 perfiles en ángulo recto.
El suministro incluye 3 tornillos de fijación autorroscantes.

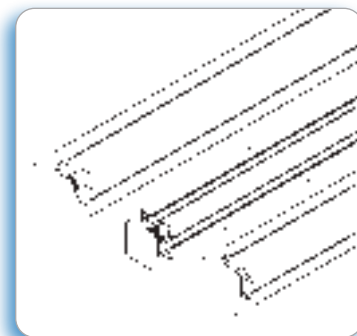
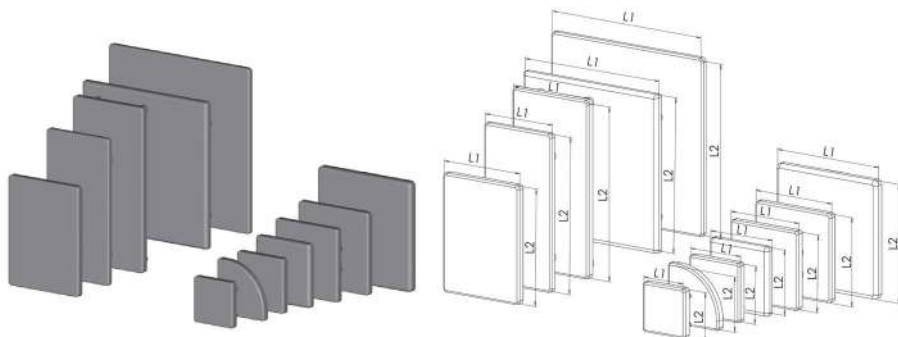
Application

For right-angled connection of 3 profiles.
Standard Supply includes 3 fixing self-tapping screws.



Tapetas Poliamida, color negro

End covers Fibreglass reinforced nylon, black



Aplicación

Para cubrir el extremo de los perfiles de aluminio.

Application

To cover the end of aluminium profiles.

			Color
55019	20x20	0,002	Negro/Black
55025	20x40	0,004	Negro/Black
5509	25x25	0,003	Negro/Black
5508	30x30	0,003	Negro/Black
5508-GRY	30x30	0,003	Gris/Grey
55010	MC-30	0,003	Negro/Black
5501-GRY	MC-30	0,003	Gris/Grey
5504	35x35	0,004	Negro/Black
5507-BLCK	40x40	0,006	Negro/Black
5507-YLL	40x40	0,006	Amarillo/Yellow
5507-GRY	40x40	0,006	Gris/Grey
5507-BLU	40x40	0,006	Azul/Blue
5507-WTH	40x40	0,006	Blanco/White
5507-RED	40x40	0,006	Rojo/Red
55011	40x80	0,019	Negro/Black
55026	40x120	0,020	Negro/Black
55031	MC-40	0,006	Negro/Black
5501-BLCK	45x45	0,011	Negro/Black
5501-GRY	45x45	0,011	Gris/Grey
5501-YLL	45x45	0,011	Amarillo/Yellow
5501-BLU	45x45	0,011	Azul/Blue
5501-RED	45x45	0,011	Rojo/Red
5506	45x60	0,009	Negro/Black

			Color
5502	45x90	0,012	Negro/Black
55022	45x135	0,02	Negro/Black
55023	45x180	0,024	Negro/Black
55024	45x45°	0,09	Negro/Black
55038	45x60°	0,09	Negro/Black
55014	MC-45	0,006	Negro/Black
550141-GRY	MC-45	0,006	Gris/Grey
55020	50x50	0,009	Negro/Black
55028	50x100	0,014	Negro/Black
5505	60x60	0,006	Negro/Black
55012	80x80	0,030	Negro/Black
550142	MC-80	0,020	Negro/Black
5503	90x90	0,044	Negro/Black
550143	MC-90	0,030	Negro/Black
55029	100x100	0,055	Negro/Black

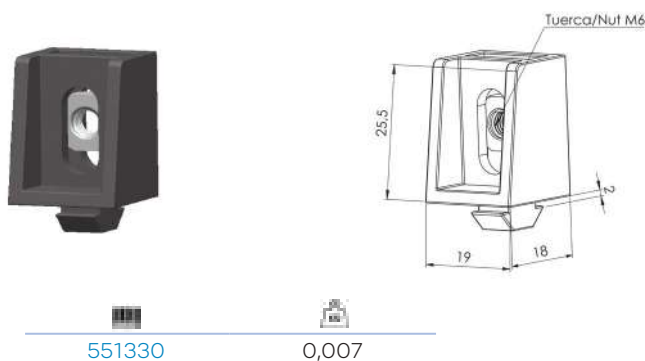
			Color
55027	P. Transportador 100 (Cod. 5020)	0,019	Negro/Black
55034	P. Barandilla (Cod. 50945)	0,006	Negro/Black
55032	P. Guía transportador (Cod. 5019)	0,004	Negro/Black
55033	P. Corredora 45x30 (Cod. 5016)	0,006	Negro/Black
55035	P. Perimetral protecciones (Cod. 5007)	0,005	Negro/Black
55036	P. Marco 22,5x32 (Cod. 50341)	0,042	Negro/Black
55037	P. Marco 22,5x45 (Cod. 50342)	0,052	Negro/Black

			Color
55039	P. Esquina 32x32 (Cod. 50343)	0,005	Negro/Black
550144	P. Redondo Ø40 (Cod. 50096)	0,010	Negro/Black
5507	P. Canaleta 40x40 (Cod. 5030)	0,006	Negro/Black
55071	P. Canaleta 40x80 (Cod. 5046)	0,025	Acero/Steel
55072	P. Canaleta 80x80 (Cod. 5047)	0,050	Acero/Steel
55073	P. Canaleta 100x100 (Cod. 50471)	0,090	Acero/Steel



Bloque de fijación de paneles **Poliamida, color negro**

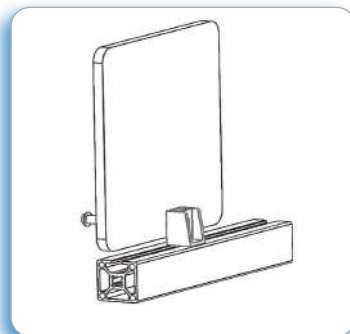
Panel fixing block **Fibreglass reinforced nylon, black**



551330

0,007

100



Aplicación

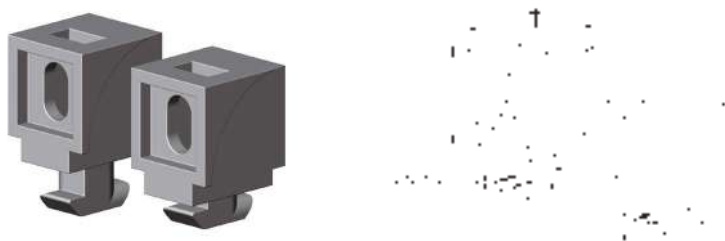
Para fijar paneles a los perfiles de aluminio. De uso en perfiles de canal 8 mm.

Application

For attaching panels to profiles with 8 mm slot.

Bloque de fijación de paneles **Poliamida, color negro**

Panel fixing block **Fibreglass reinforced nylon, black**



5513

canal 10 mm

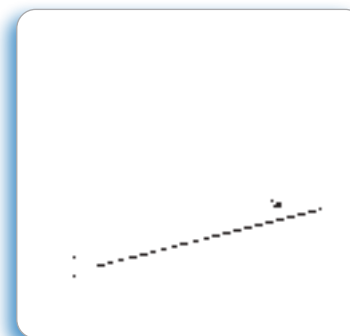
0,013

551335

35

0,013

100



Aplicación

Para fijar paneles a los perfiles de aluminio; permite dos posiciones de fijación. De uso en perfiles de canal 10 mm. Tornillería no incluida.

Application

For attaching panels to profiles with 10 mm slot. The block allows two fixing positions. Screws not included.

Bloque de panelar con pestaña **Poliamida, color negro**

Panel fixing block with stud **Fibreglass reinforced nylon, black**

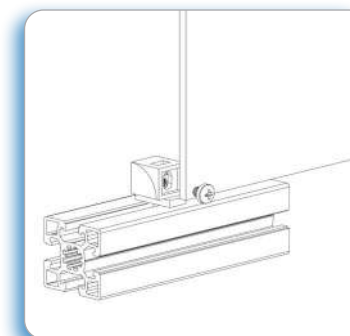


55131

canal 10 mm

0,013

100



Aplicación

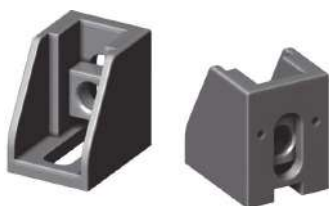
Para fijar paneles a los perfiles de aluminio. El panel asienta sobre la pestaña. De uso en perfiles de canal 10 mm. Tornillería no incluida.

Application

For attaching panel to aluminium profiles with 10 mm slot. Panel lays on the stud. Screws not included.

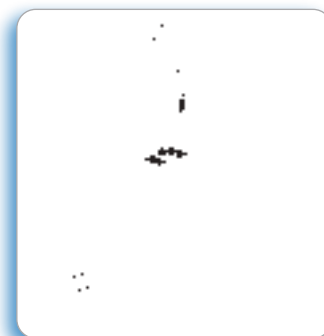


Bloque de fijación de paneles Universal **Poliamida, color negro**
Panel fixing block **Fibreglass reinforced nylon, black**



 55132  0,009

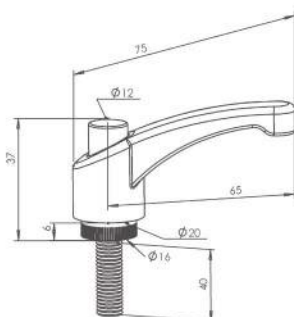
 



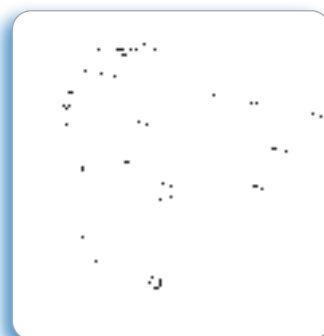
Aplicación
Para fijar paneles a los perfiles de aluminio.
De uso en perfiles de canales 8 mm y 10 mm.
Tornillería no incluida.

Application
For attaching panels to profiles with 8 mm and 10 mm slot. Screws not included.

Empuñadura graduable **Poliamida, color negro**
Clamping handle **Fibreglass reinforced nylon, black**



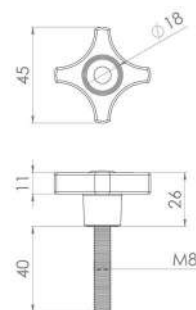
 5530  M8x40  0,035
5538 int. M8x15 0,020



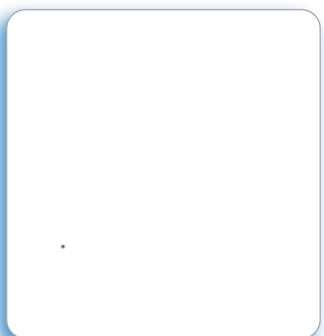
Aplicación
Permite graduar el ángulo de los elementos que fija.

Application
For angle adjustment of accessories fixed.

Mando 4 picos **Poliamida, color negro**
Star knob **Fibreglass reinforced nylon, black**



 5520  M8  0,033

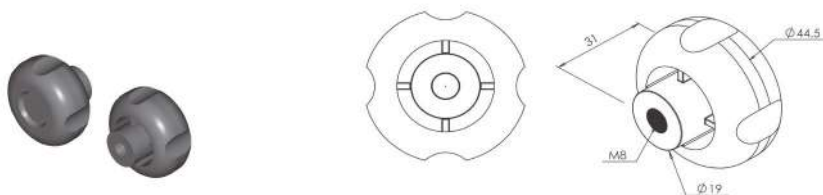


Aplicación
Permite graduar la posición de los elementos que fija.

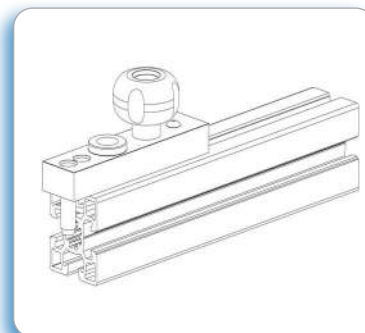
Application
Used to graduate the position of accessories.



Mando redondo, **Poliamida, color negro**
Round knob, **Fibreglass reinforced nylon, black**



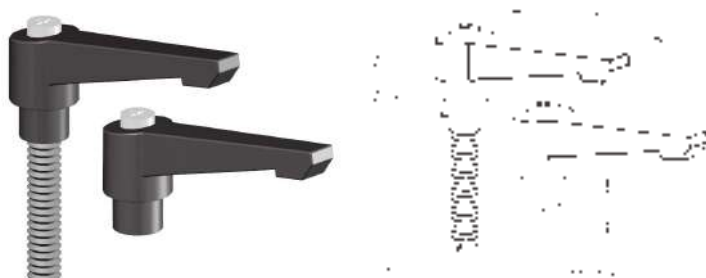
		
5521	M8	0,024



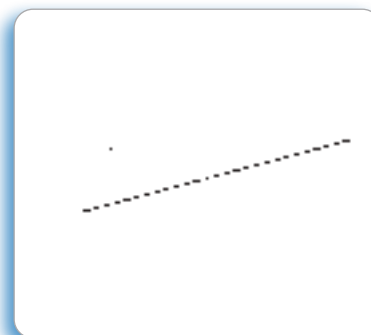
Aplicación
Permite graduar la posición de los elementos que fija.

Application
Used to graduate the position of accessories.

Empuñadura graduable **Inyección de zinc**
Clamping handle **Die-cast zinc**



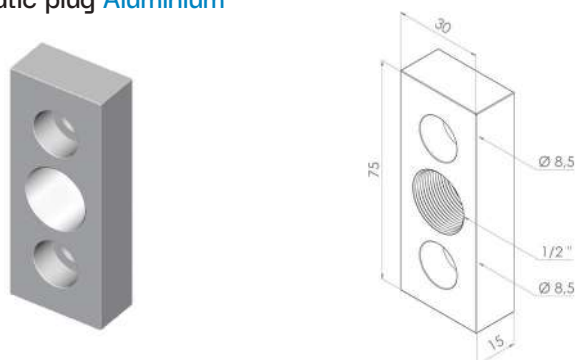
		
5536	M8x40	0,088
5537	int. M8x15	0.069



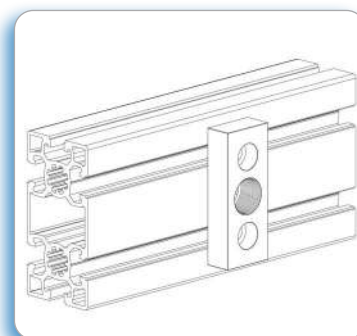
Aplicación
Permite regular el ángulo de los elementos que fija.

Application
For angle adjustment of accessories fixed.

Toma de aire **Aluminio**
Pneumatic plug **Aluminium**



	Max. Pres.	
5532	8 bars.	0,066



Aplicación
Para la toma de aire comprimido a través del perfil de aluminio.

Application
For compressed air intake the through the aluminium profile.



Tapa de aire **Aluminio**

Pneumatic end plate **Aluminium**



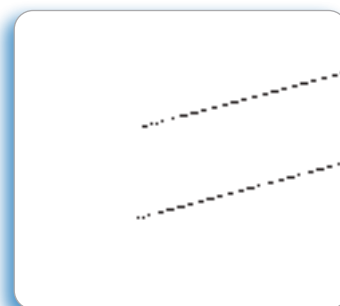
5533

Max. Pres.

8 bars.



0,092



Aplicación

Para el cierre estanco del extremo de los perfiles que transportan aire comprimido. El suministro incluye junta de goma. Casquillos reductores cod.52918 no incluidos.

Application

For the lateral sealing of profiles carrying compressed air. Standard supply includes a rubber seal. Threaded inserts not included.

Abrazadera clip **Nylon**

Closed pipe clip **Nylon**



5543

A

B

H

Øint



0,009

5544

29 mm

20 mm

8 mm

28 mm

0,007

5540

22 mm

20 mm

8 mm

20 mm

0,005

5542

17 mm

18 mm

8 mm

15 mm

0,004

5541

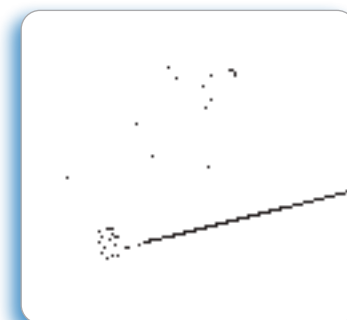
13 mm

14 mm

8 mm

12 mm

0,003



Aplicación

Permite la fijación de cables directamente en el perfil.

Application

For fixing cables directly on profiles.

Soporte de sujeción brida **Nylon, color gris**

Cable binder block **Nylon, grey**



5516



0,001



Aplicación

Permite la fijación de cables en el perfil mediante bridas.

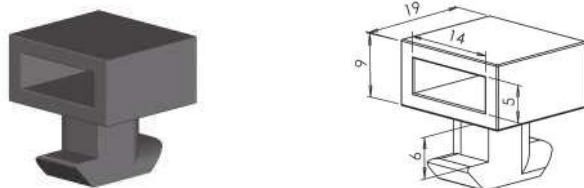
Application

Enables the fixing of cables on profiles using cable binders.



Sujección para brida **Poliamida, color negro**
Cable binding block **Fibreglass reinforced nylon, black**

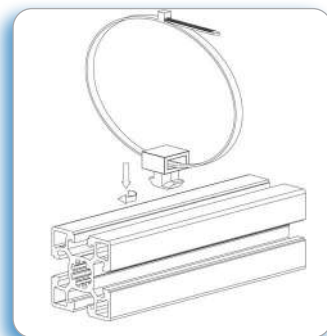
0 5 5



5519



0,004



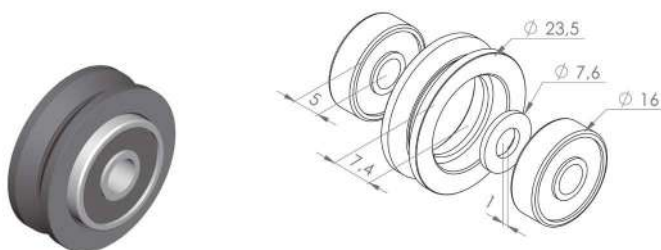
Aplicación

Para fijar cables a los perfiles de aluminio. Muy fácil de montar. No necesita tuercas.

Application

To fix cables to aluminium profiles. Easy to mount, no nut needed.

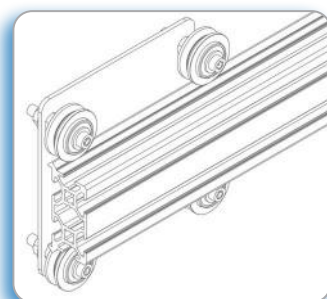
Rueda en V con rodapiques **Nylon negro**
V wheel with bearings **Black nylon**



55342



0,01



Aplicación

Para el deslizamiento lineal sobre el perfil de aluminio cod. 50993. El suministro incluye Rueda en V, dos rodapiques y arandela intermedia.

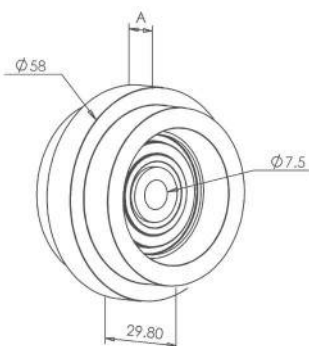
Application

For riding on V track aluminium profile cod. 505993. Standard supply includes V wheel, two bearings and washer.

Rodamiento **Nylon**
Roller **Nylon**

0 5 5

0 5 5



5534



58



0,137



A

55341

58

0,125

7.8

Aplicación

Para guiar elementos que requieren movimiento lineal sobre la ranura del perfil. Incluye tornillo + tuerca.

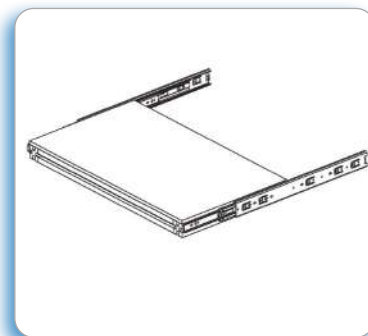
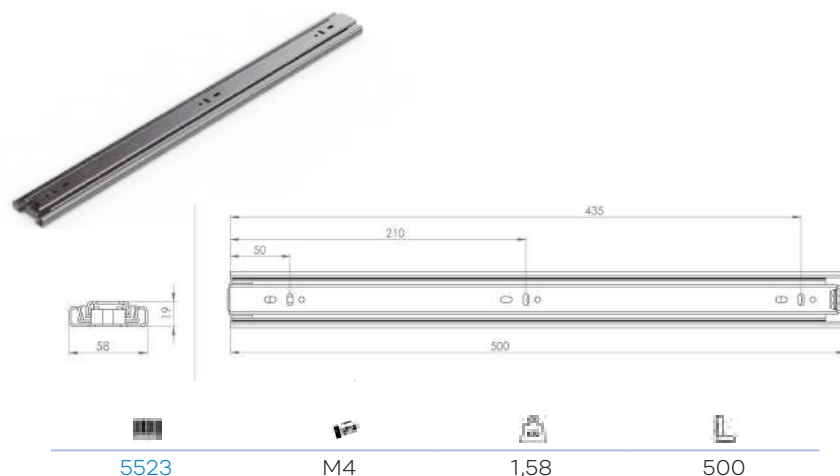
Application

To guide elements requiring lineal motion in the slot of aluminium profiles. Fixing bolt + nut included.



Guía telescópica **Acero zincado**

Telescopic slides **Zinc Steel**



Aplicación

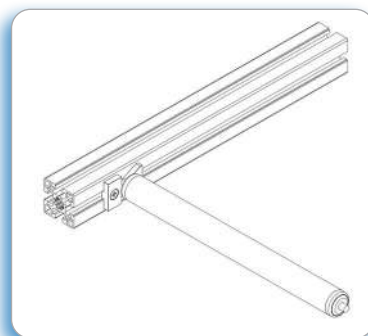
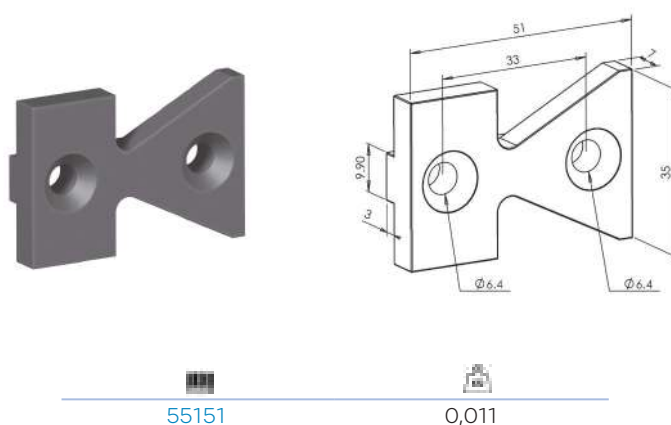
Para uso en cajones y elementos correderos o extraíbles.

Application

Used in drawers and moving or retractable elements.

Fijador de rodillos libres **Poliamida, color negro**

Free roller mounting block **Fibreglass reinforced nylon, black**



Aplicación

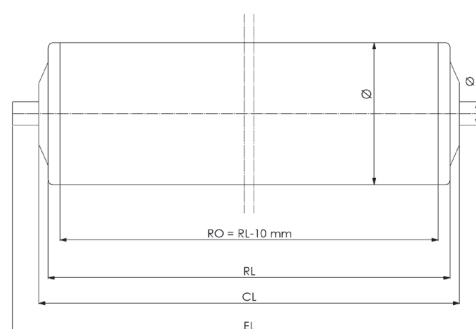
Permite el montaje de rodillos en los perfiles de aluminio. Los rodillos quedan sueltos por lo que se necesita retirarlos.

Application

For fixing rollers to aluminium profiles. Rollers lay on the block and can easily be removed.

Rodillos **PVC / Acero zincado**

Rollers **PVC / Zinc plated steel**



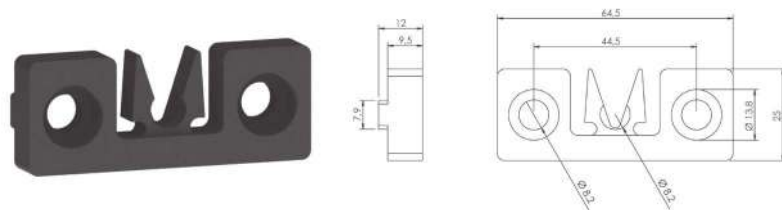
*Consultar otros diámetros

	Ø
RD30	Ø 30
RD50	Ø 50



Clip Ø 8 fijador de rodillos **Poliamida, color negro**

Clip Ø 8 mounting block **Fibreglass reinforced nylon, black**

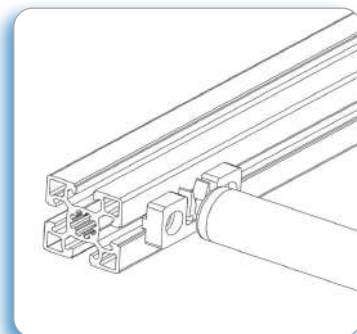


55152

0,013

3D

2D



Aplicación

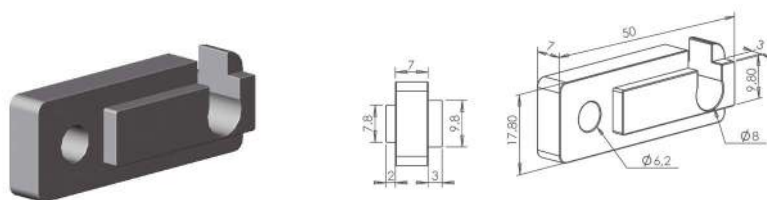
Permite el montaje de rodillos en los perfiles de aluminio. Los rodillos pueden ser retirados sin necesidad de desmontar todo el conjunto.

Application

For fixing rollers to profiles. Rollers can be removed without taking to pieces the whole structure.

Fijador Ø 8 exterior de rodillos **Poliamida, color negro**

Roller Ø 8 mounting block **Fibreglass reinforced nylon, black**

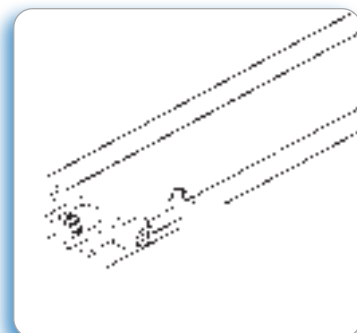


5515

0,008

3D

2D



Aplicación

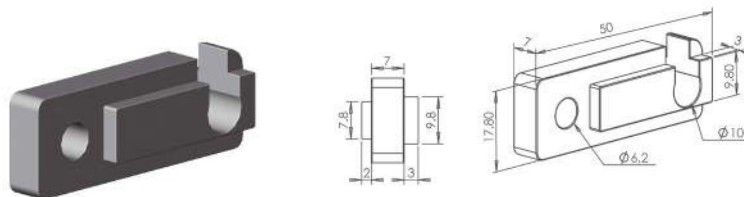
Permite el montaje de rodillos en los perfiles de aluminio. Los rodillos pueden ser retirados sin necesidad de desmontar todo el conjunto.

Application

For fixing rollers to profiles. Rollers can be removed without taking to pieces the whole structure.

Fijador Ø 10 exterior de rodillos **Poliamida, color negro**

Roller Ø 10 mounting block **Fibreglass reinforced nylon, black**

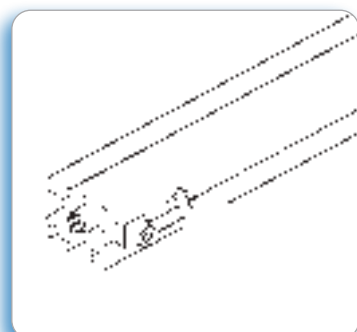


55150

0,008

3D

2D



Aplicación

Permite el montaje de rodillos en los perfiles de aluminio. Los rodillos pueden ser retirados sin necesidad de desmontar todo el conjunto.

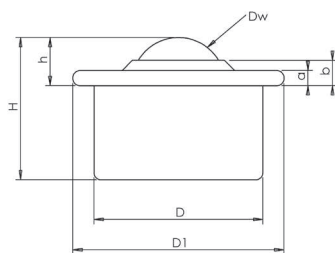
Application

For fixing rollers to profiles. Rollers can be removed without taking to pieces the whole structure.

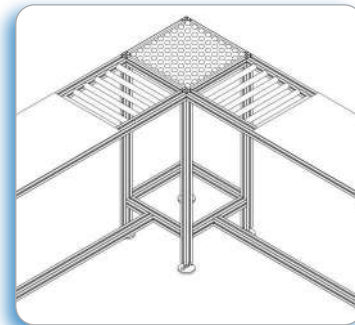


Bola transportadora **Acero zincado**

Roller ball **Zinc plated steel**



	Dw	D	D1	h	H	Max. Kg	
5BT15	15 mm	24 mm	31 mm	9,5 mm	20,7 mm	50	0,040
5BT22	22 mm	36 mm	45 mm	9,8 mm	29,5 mm	130	0,126
5BT30	30 mm	45 mm	55 mm	13,8 mm	37 mm	250	0,252



Aplicación

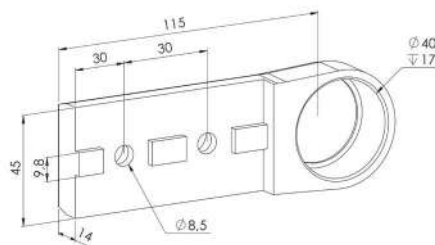
Usadas para conseguir un movimiento de cargas en cualquier dirección con el menor esfuerzo. Consultar el tipo de bola en función de la carga a desplazar.

Application

Used for the linear motion of charges in any direction with the minimum effort. Check roller ball type to use according to load.

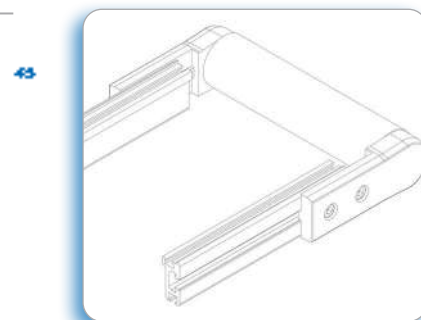
Cabezal 45 **Aluminio**

Conveyor roller bracket 45 **Aluminium**



55245

0,199



Aplicación

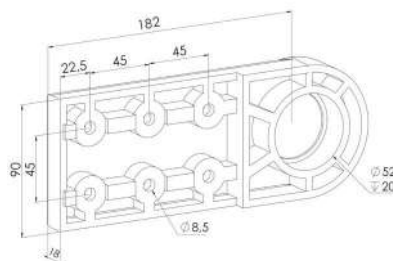
Para la soportación de los rodillos en los extremos de cintas transportadoras. Preparado para albergar un rodamiento de Ø 40mm.

Application

To lodge rollers in the edge of the belt conveyor. Prepare to lodge a Ø 40 mm. bearing.

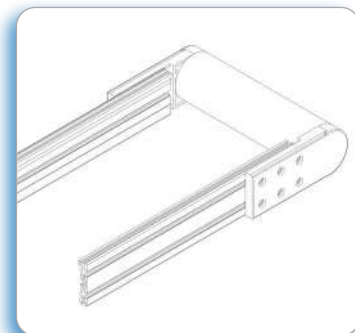
Cabezal 90 **Aluminio**

Conveyor roller bracket 90 **Aluminium**



55290

0,594



Aplicación

Para la soportación de los rodillos en los extremos de cintas transportadoras. Preparado para albergar un rodamiento Ø 52 mm.

Application

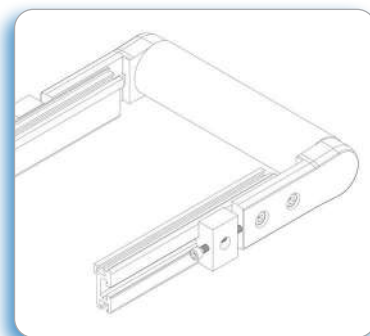
To lodge rollers in the edge of the belt conveyor. Prepare to lodge a Ø 52 mm. bearing.



Tensor 45 **Aluminio**
Tensioner 45 **Aluminium**



43



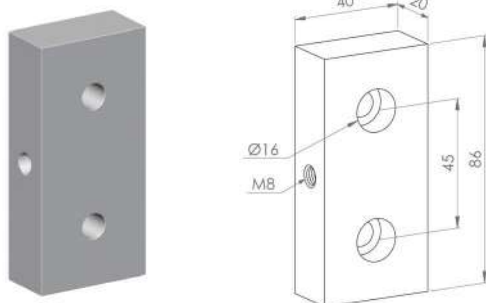
Aplicación

Para tensar la banda de los transportadores mediante el apriete de los tornillos. Tornillería incluida.

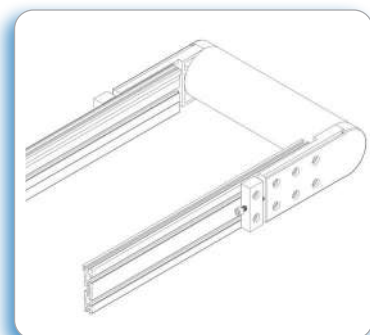
Application

To tighten the conveyor belt using the screws. Nuts and screws included.

Tensor 90 **Aluminio**
Tensioner 90 **Aluminium**



90



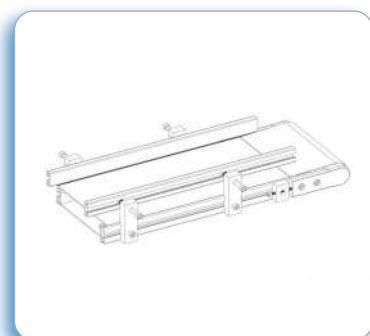
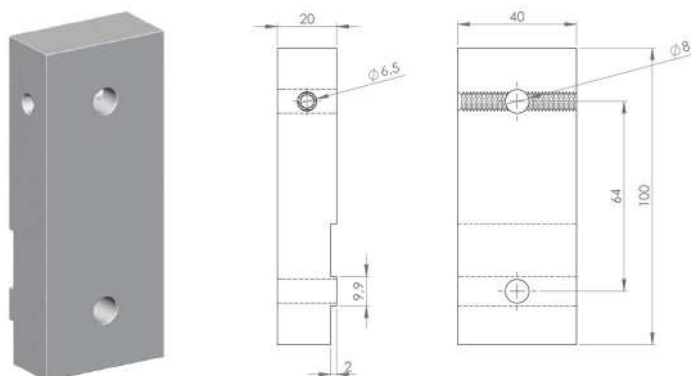
Aplicación

Para tensar la banda de los transportadores mediante el apriete de los tornillos. Tornillería incluida.

Application

To tighten the conveyor belt using the screws. Nuts and screws included.

Soporte barandilla **Aluminio**
Rail support **Aluminium**



Aplicación

Para el soporte de las barandillas y guías laterales en las cintas transportadoras y camino de los rodillos.

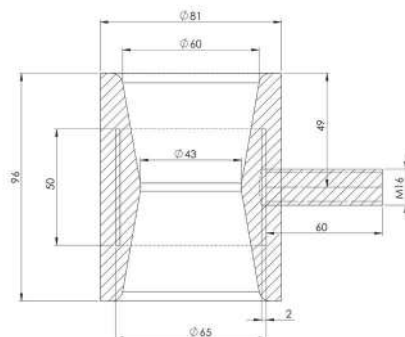
Application

To support the rails in conveyor and roller belts.



Porta herramientas **PVC negro**

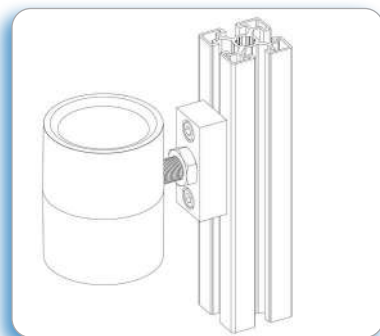
Tool holder **PVC black**



5535



0,589



Aplicación

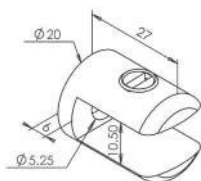
Para la colocación de herramientas manuales. Incluye soporte para fijación al perfil y tornillería.

Application

To place hand tools. Fixing accessory and fasteners included.

Portabaldas **Aluminio fundido**

Panel clamp **Die-cast aluminium**



5518



0,021



Aplicación

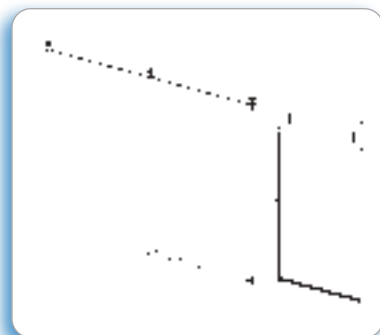
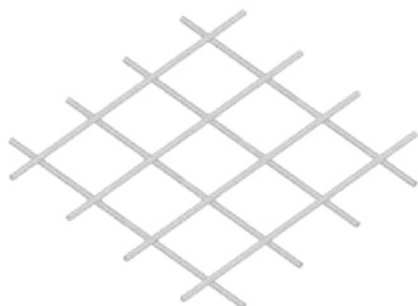
Para fijar baldas de cristal u otro material a las estructuras de aluminio. Espesor máximo de la balda: 10 mm.

Application

For fix glass shelves to aluminium structures. Shelf max. Thickness: 10 mm.

Rejillas **Acero galvanizado**

Fences **Galvanized steel**



Aplicación

Para fabricar protecciones de seguridad.

Application

To make protection panels.



medidas / dimensions

5550	rejilla electrosoldada 50x50
5551	rejilla electrosoldada 40x40
5552	rejilla electrosoldada 30x30
Rejilla entrelazada	consultar*



Paneles

Panels



Aplicación

Para panelar estructuras.

Application

To panel structures.

		espesor / thickness
Polycarbonato rasnsparente	OPC3	3 mm
Polycarbonato trasnsparente	OPC4	4 mm
Polycarbonato fume - gris	OPC4-FG	4 mm
Polycarbonato trasnsparente	OPC5	5 mm
Polycarbonato trasnsparente	OPC6	6 mm
Polycarbonato trasnsparente	OPC8	8 mm
Polycarbonato trasnsparente	OPC10	10 mm

		espesor / thickness
Polipropileno alveolar	OPPA8	8 mm
Polipropileno alveolar	OPPA10	10 mm

		espesor / thickness
PET	OPET2	2 mm
PET	OPET3	3 mm
PET	OPET4	4 mm
PET	OPE5	5 mm
PET	OPET6	6 mm
PET	OPET8	8 mm
PET	OPET10	10 mm

		espesor / thickness
PVC Espumado	OPVCE3	3 mm
PVC Espumado - blanco	OPVCE5-WHITE	5 mm
PVC Espumado - gris	OPVCE5-GRY	5 mm
PVC Espumado - negro	OPVCE5-BLCK	5 mm
PVC Espumado	OPVCE10	10 mm
PVC Espumado	OPVCE19	19 mm

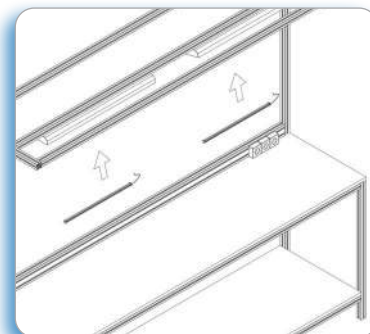
		espesor / thickness
Composite Aluminio - blanco/gris	PAN-COMPO3	3 mm
Composite Pizarra Magnetica	PAN-COMPOMAG3	3 mm
Composite Aluminio - negro	PAN-COMPO3-BLCK	3 mm
Composite Aluminio - blanco/gris	PAN-COMPO4	4 mm
Composite Aluminio - negro	PAN-COMPO4-BLCKP- BLCKB	4 mm

		espesor / thickness
Resina Fenólica - gris	ORSF4G	4 mm



Luminaria LED

LED light surface mounted



Aplicación

Luminaria para fijación directa al perfil mediante clips de amarre. Viene preparada para conexión directa a la red sin transformador.

Application

LED light surface mounted with clips. Direct plug-in to electric network. Power transformer not needed.

		Consumo (W)	Lúmenes	Rendimiento (lm/W)	
558060	310 mm	5,25	580	111	0,5
558090	550 mm	10,75	1150	106	0,74
5580120	780 mm	15,75	1750	111	0,98
5580150	1020mm	21	2300	110	1,23

Ángulo de unión perfiles en U Poliamida color negro

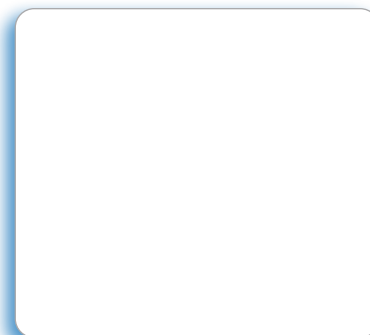
U profiles assembly bracket Fibreglass reinforced nylon, black



5517



0,011



Aplicación

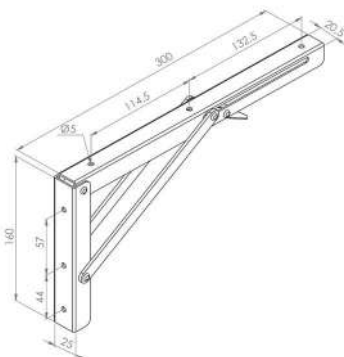
Para la unión de perfiles en U cod.5034. Facilita la construcción de paneles de protección tanto interiores como exteriores.

Application

Used for assembly of U cod.5034 profiles. Provides a good support in the construction of both interior and exterior protection panels.

Escuadra abatible 300x160 Acero zincado

Folding shelf bracket 300x160 Zinc plated steel



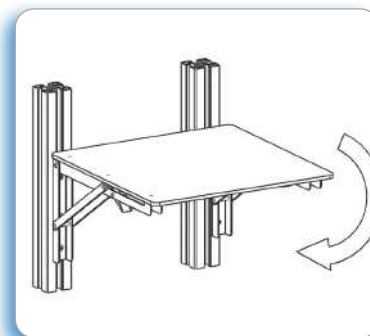
55163



M5



0,86



Aplicación

Permite colocar baldas abatibles.

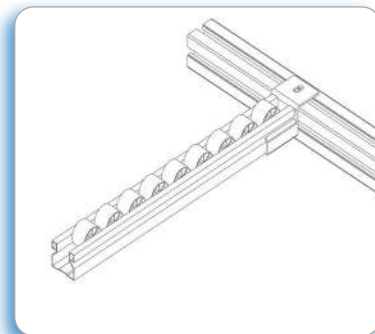
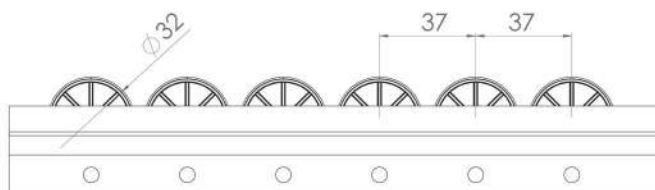
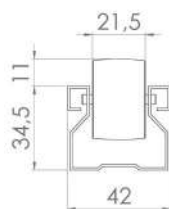
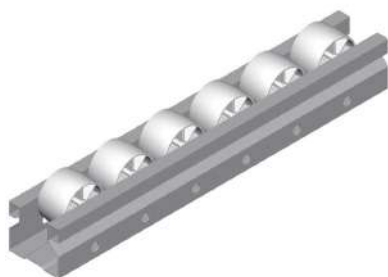
Application

Suitable to install folding shelves.



Minicarril **Acero zincado**

Minirail **Steel zinc plated**



Aplicación

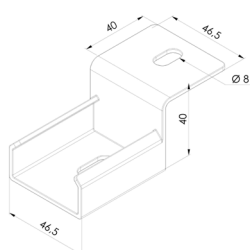
Perfil de acero para desplazamiento de objetos en estanterías dinámicas.

Application

Steel profile for moving objects in dynamic shelves.

Unión minicarril a perfil **Acero zincado**

Roller track profile joint **Steel zinc plated**

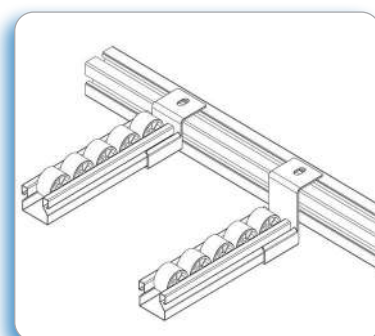


Unión a nivel



40

43

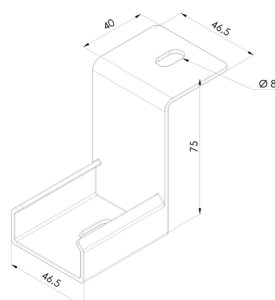


Aplicación

Para la unión del minicarril a los perfiles de aluminio. Uniones a nivel o con tope para cajas.

Application

For the assembly of roller track to aluminium profiles. Uniones a nivel o con tope para cajas.



Unión con tope





Soporte de tubo Ø 28 mm **Acero**

Tube support Ø 28 mm **Steel**



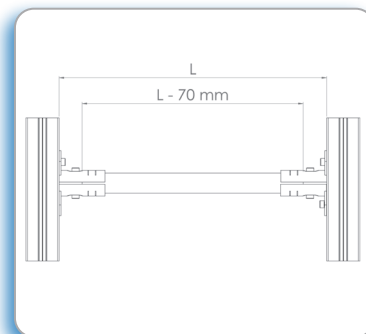
55161



M6



0,068



Aplicación

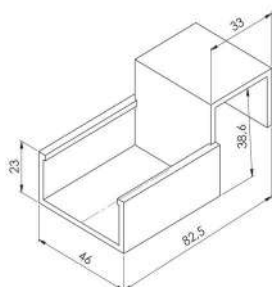
Para la unión de tubos Ø 28 mm a los perfiles de aluminio en ángulo recto. El suministro incluye dos soportes de tubo y la tornillería de unión al tubo.

Application

For right-angled connection of tubes Ø 28 mm to aluminium profiles. Standard supply includes two tubes support screws connecting to the tube.

Unión minicarril a tubo Ø28mm **Acero zincado**

Roller track joint to Ø28mm tube **Steel zinc plated**



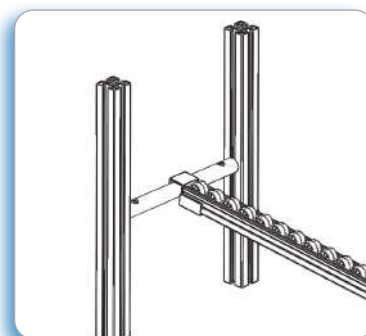
Unión a nivel



M2B



0,16

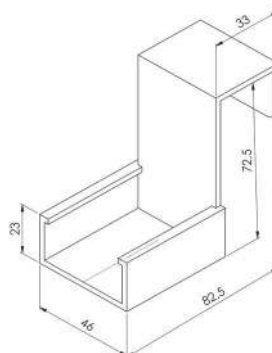


Aplicación

Para la unión del minicarril a tubo Ø28mm. (Cod.50702)
Uniones a nivel o con tope para cajas.

Application

For the assembly of roller track to Ø28mm. aluminium tube (Cod.50702)



Unión con tope



M1B

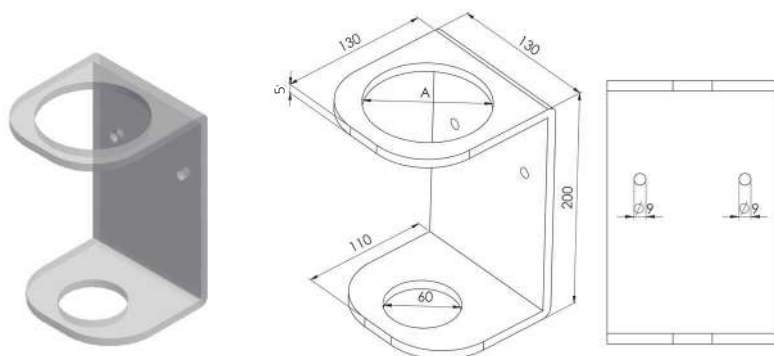


0,13

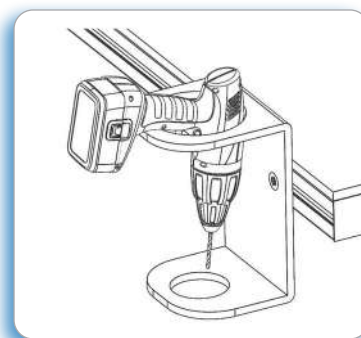


Soporte herramientas **Metacrilato**

Tool's holder **Metacrilato**



	A
55310	100 mm
55311	90 mm
55312	80 mm
55313	60 mm

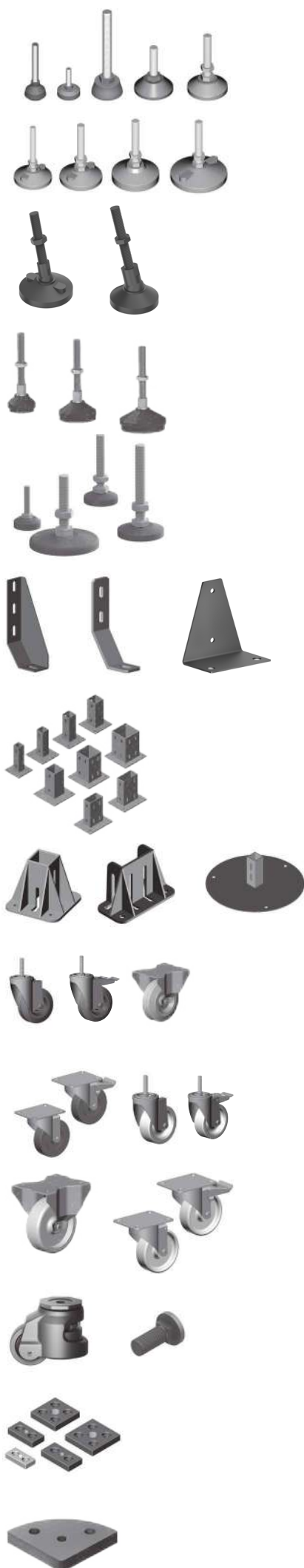


Aplicación

Como accesorio para sujetar herramientas en bancos y estaciones de trabajo.

Application

As an accessory used to hold tools in work stations.



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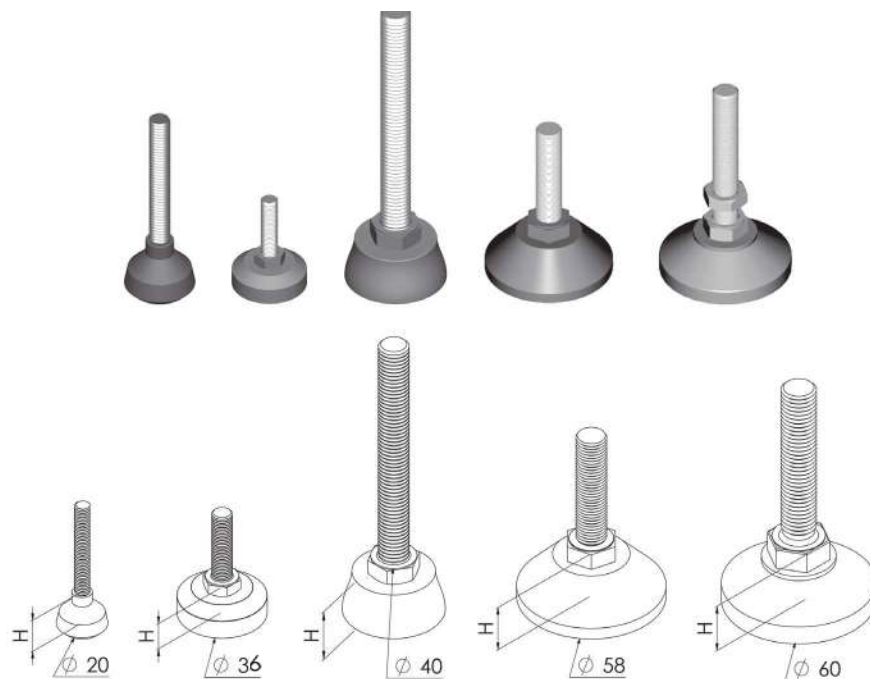
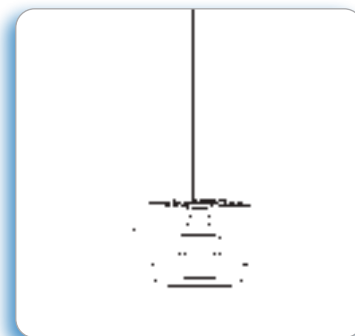
ELEMENTOS DE POSICIONAMIENTO

POSITIONING ELEMENTS



Pies, base de poliamida **Poliamida, color negro**

Adjustable knuckle feet **Fibreglass reinforced nylon, black**



ø 20 - MAX: 200 KG

		h	
540220645	M6x45 mm	12 mm	0,01

ø 58 - MAX: 300 KG

		h	
540158126	M12x50 mm	20 mm	0,14

ø 36 - MAX: 200 KG

		h	
540136825	M8x25 mm	15 mm	0,05

ø 60 - MAX: 400 KG

		h	
540260127	M12x70 mm	20 mm	0,17
540260121	M12x100 mm	20 mm	0,21
540260147	M14x70 mm	20 mm	0,20
540260141	M14x100 mm	20 mm	0,25
540260167	M16x70 mm	20 mm	0,16
540260161	M16x100 mm	20 mm	0,23
540260201	M20x100 mm	20 mm	0,29

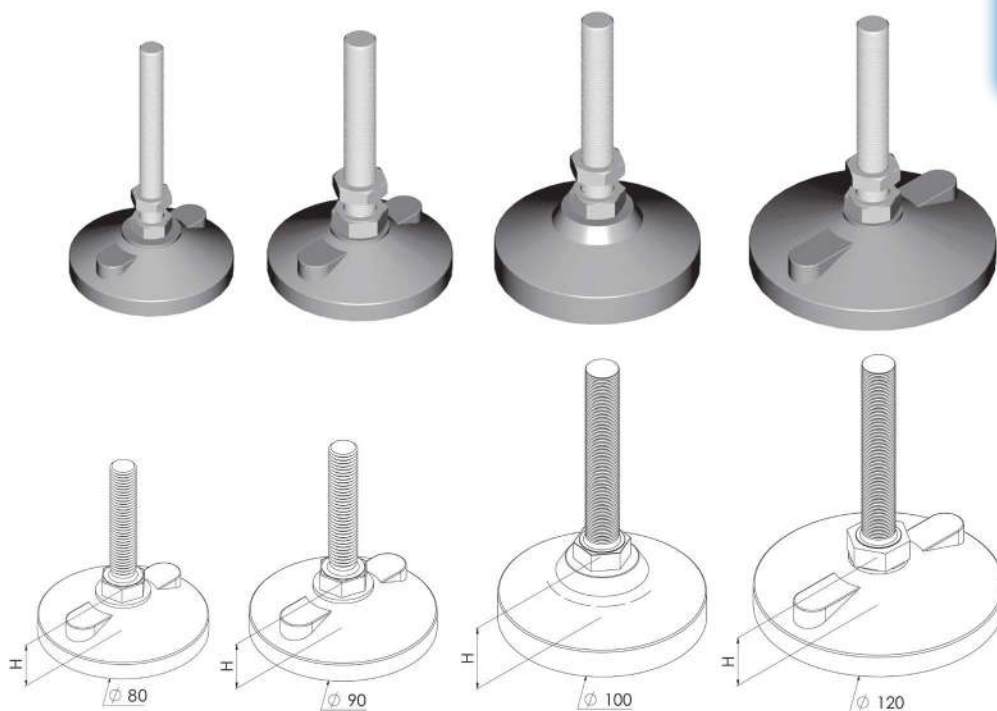
ø 40 - MAX: 300 KG

		h	
540240127	M12x70 mm	18 mm	0,11
540240121	M12x100 mm	18 mm	0,21
540240147	M14x70 mm	18 mm	0,20
540240147	M14x100 mm	18 mm	0,24



Pies, base de poliamida **Poliamida, color negro**

Adjustable knuckle feet **Fibreglass reinforced nylon, black**



Ø 80 - MAX: 530 KG.

		h	
540280127	M12x70 mm	24 mm	0,19
540280121	M12x100 mm	24 mm	0,23
540280147	M14x70 mm	24 mm	0,22
540280141	M14x100 mm	24 mm	0,27
540280167	M16x70 mm	24 mm	0,19
540280161	M16x100 mm	24 mm	0,26
540280201	M20x100 mm	24 mm	0,32

Ø 100 - MAX: 700 KG

		h	
5402100127	M12x70 mm	35,5 mm	0,28
5402100121	M12x100 mm	35,5 mm	0,32
5402100147	M14x70 mm	35,5 mm	0,31
5402100141	M14x100 mm	35,5 mm	0,36
5402100167	M16x70 mm	35,5 mm	0,26
5402100161	M16x100 mm	35,5 mm	0,35
5402100201	M20x100 mm	35,5 mm	0,41

Ø 90 - MAX: 630 KG

		h	
540290127	M12x70 mm	26 mm	0,22
540290121	M12x100 mm	26 mm	0,26
540290147	M14x70 mm	26 mm	0,25
540290141	M14x100 mm	26 mm	0,30
540290167	M16x70 mm	26 mm	0,22
540290161	M16x100 mm	26 mm	0,28
540290201	M20x100 mm	26 mm	0,34

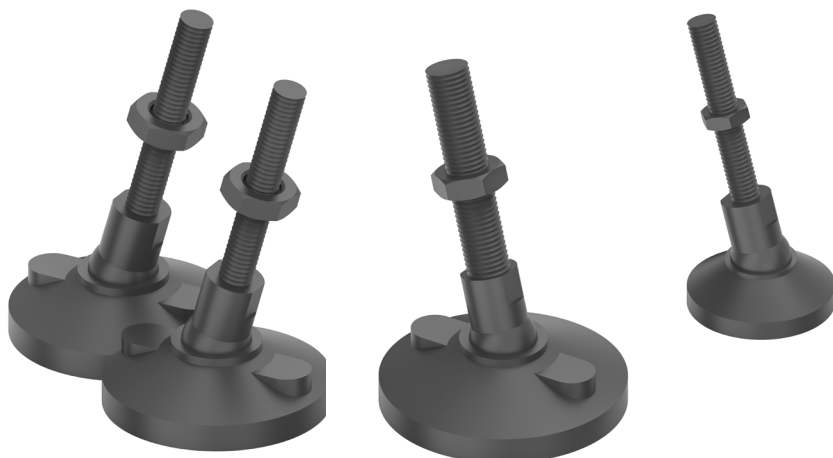
Ø 120 - MAX: 700 KG

		h	
5402120127	M12x70 mm	30 mm	0,30
5402120121	M12x100 mm	30 mm	0,34
5402120147	M14x70 mm	30 mm	0,33
5402120141	M14x100 mm	30 mm	0,37
5402120167	M16x70 mm	30 mm	0,29
5402120161	M16x100 mm	30 mm	0,36
5402120201	M20x100 mm	30 mm	0,42



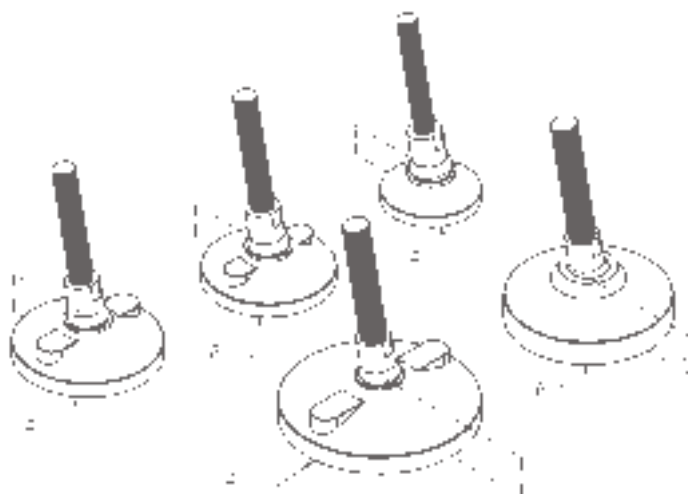
Pies, base de poliamida con rótula **Poliamida, color negro**

Swivel feet **Fibreglass reinforced nylon, black**



ø 60 - MAX: 650 KG

		h	
540360121	M12x100 mm	20 mm	0,195
540360125	M12x150 mm	20 mm	0,223
540360141	M14x100 mm	20 mm	0,225
540360145	M14x150 mm	20 mm	0,268
540360161	M16x100 mm	20 mm	0,245
540360165	M16x150 mm	20 mm	0,294



ø 80 - MAX: 740 KG

		h	
540380121	M12x100 mm	24 mm	0,221
540380125	M12x150 mm	24 mm	0,250
540380141	M14x100 mm	24 mm	0,252
540380145	M14x150 mm	24 mm	0,294
540380161	M16x100 mm	24 mm	0,271
540380165	M16x150 mm	24 mm	0,321

ø 100 - MAX: 900 KG

		h	
5403100121	M12x100 mm	35,5 mm	0,287
5403100125	M12x150 mm	35,5 mm	0,316
5403100141	M14x100 mm	35,5 mm	0,318
5403100145	M14x150 mm	35,5 mm	0,361
5403100161	M16x100 mm	35,5 mm	0,337
5403100165	M16x150 mm	35,5 mm	0,387

ø 90 - MAX: 840 KG

		h	
540390121	M12x100 mm	26 mm	0,246
540390125	M12x150 mm	26 mm	0,275
540390141	M14x100 mm	26 mm	0,277
540390145	M14x150 mm	26 mm	0,320
540390161	M16x100 mm	26 mm	0,295
540390165	M16x150 mm	26 mm	0,345

ø 120 - MAX: 900 KG

		h	
5403120121	M12x100 mm	30 mm	0,321
5403120125	M12x150 mm	30 mm	0,350
5403120141	M14x100 mm	30 mm	0,352
5403120145	M14x150 mm	30 mm	0,395
5403120161	M16x100 mm	30 mm	0,371
5403120165	M16x150 mm	30 mm	0,421

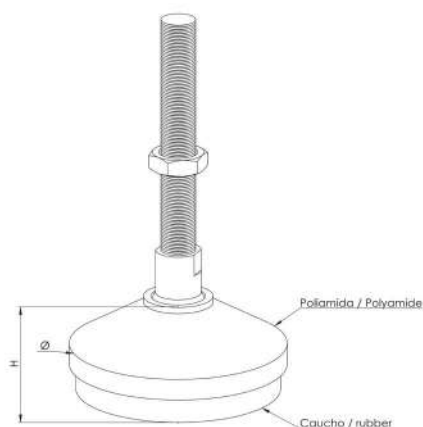


Pies antivibratorios, con rótula **Poliamida y caucho**
Antivibration levelling feet **Polyamide and rubber**



PIE ANTIVIBRATORIO $\varnothing$ 60 - MAX: 1800 KG
Poliamida reforzada / Caucho 70 Shore A

		h	
540760121	M12x100 mm	34 mm	0,240
540760125	M12x150 mm	34 mm	0,270
540760141	M14x100 mm	34 mm	0,271
540760145	M14x150 mm	34 mm	0,314
540760161	M16x100 mm	34 mm	0,290
540760165	M16x150 mm	34 mm	0,340



PIE ANTIVIBRATORIO $\varnothing$ 80 - MAX: 2200 KG
Poliamida reforzada / Caucho 70 Shore A

		h	
540780121	M12x100 mm	38 mm	0,318
540780125	M12x150 mm	38 mm	0,347
540780141	M14x100 mm	38 mm	0,349
540780145	M14x150 mm	38 mm	0,392
540780161	M16x100 mm	38 mm	0,368
540780165	M16x150 mm	38 mm	0,418

PIE ANTIVIBRATORIO $\varnothing$ 100 - MAX: 2500 KG
Poliamida reforzada / Caucho 70 Shore A

		h	
5407100121	M12x100 mm	45 mm	0,468
5407100125	M12x150 mm	45 mm	0,497
5407100141	M14x100 mm	45 mm	0,499
5407100145	M14x150 mm	45 mm	0,542
5407100161	M16x100 mm	45 mm	0,518
5407100165	M16x150 mm	45 mm	0,568



Pies, base de acero [Acero zincado](#)
Adjustable knuckle feet [Zinc plated steel](#)



ø 35 - MAX: 800 KG

		h	
540535830	M8x30 mm	13 mm	0,394

ø 44 - MAX: 1100 KG

		h	
540544127	M12x70 mm	15 mm	0,178
540544121	M12x100 mm	15 mm	0,505
540544147	M14x70 mm	15 mm	0,213
540544141	M14x100 mm	15 mm	0,239

ø 60 - MAX: 1500 KG

		h	
540560127	M12x70 mm	13 mm	0,249
540560121	M12x100 mm	13 mm	0,270
540560147	M14x70 mm	13 mm	0,284
540560141	M14x100 mm	13 mm	0,310
540560161	M16x100 mm	13 mm	0,367
540560201	M20x100 mm	13 mm	0,478

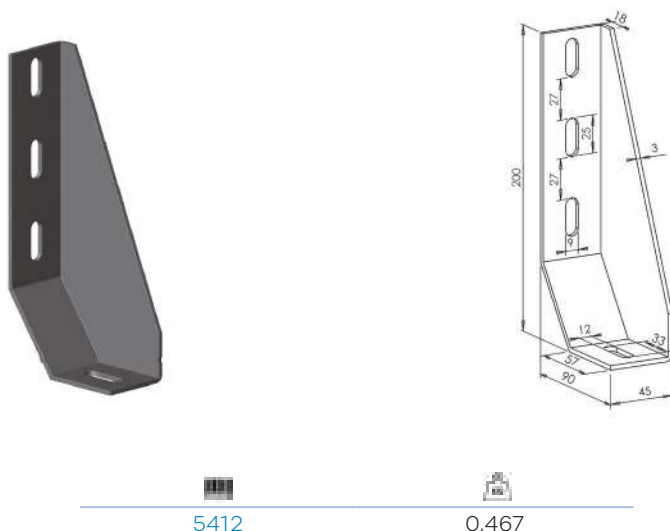
ø 90 - MAX: 2500 KG

		h	
540690127	M12x70 mm	15 mm	0,611
540690121	M12x100 mm	15 mm	0,632
540690147	M14x70 mm	15 mm	0,646
540690141	M14x100 mm	15 mm	0,672
540690161	M16x100 mm	15 mm	0,728
540690201	M20x100 mm	15 mm	0,839



Escuadra de fijación a suelo **Acero zincado**

Floor bracket **Zinc plated steel**



5412

0,467



Aplicación

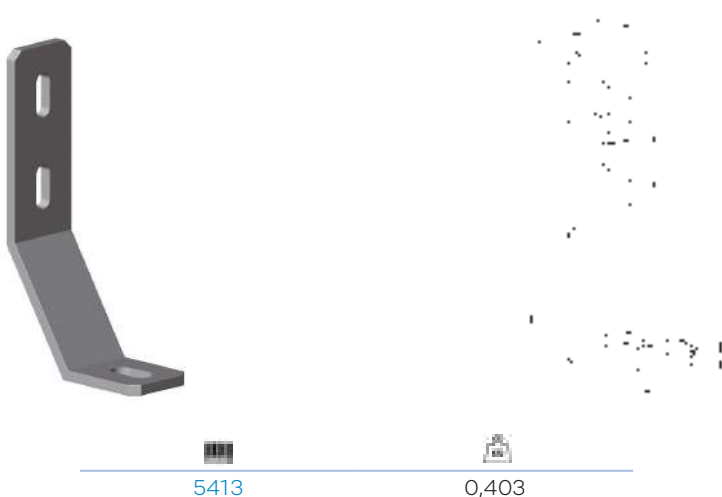
Para el anclaje de estructuras de aluminio al suelo.

Application

Suitable for a secure fixing of aluminium structures to the floor.

Refuerzo de fijación a suelo **Acero zincado**

Floor fixing support **Zinc plated steel**



5413

0,403



Aplicación

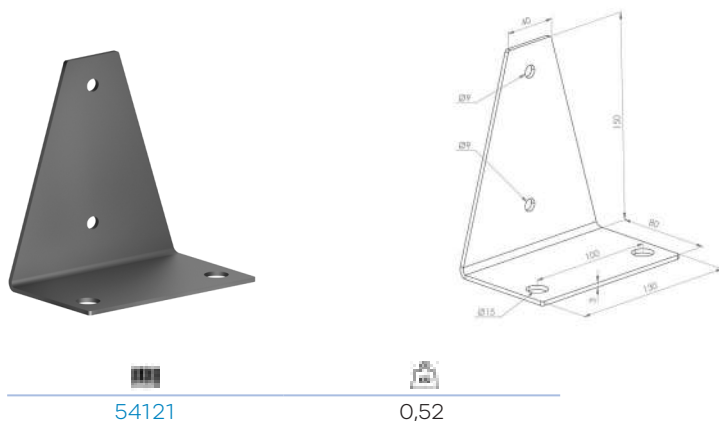
Como apoyo para la sujeción de estructuras de aluminio al suelo.

Application

As support for the fixing of aluminium structures to the floor.

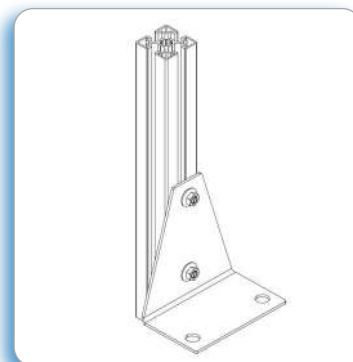
Ángulo de sujeción a suelo **Acero zincado**

Floor fixing angle **Zinc plated steel**



54121

0,52



Aplicación

Para el anclaje de estructuras ligeras al suelo.

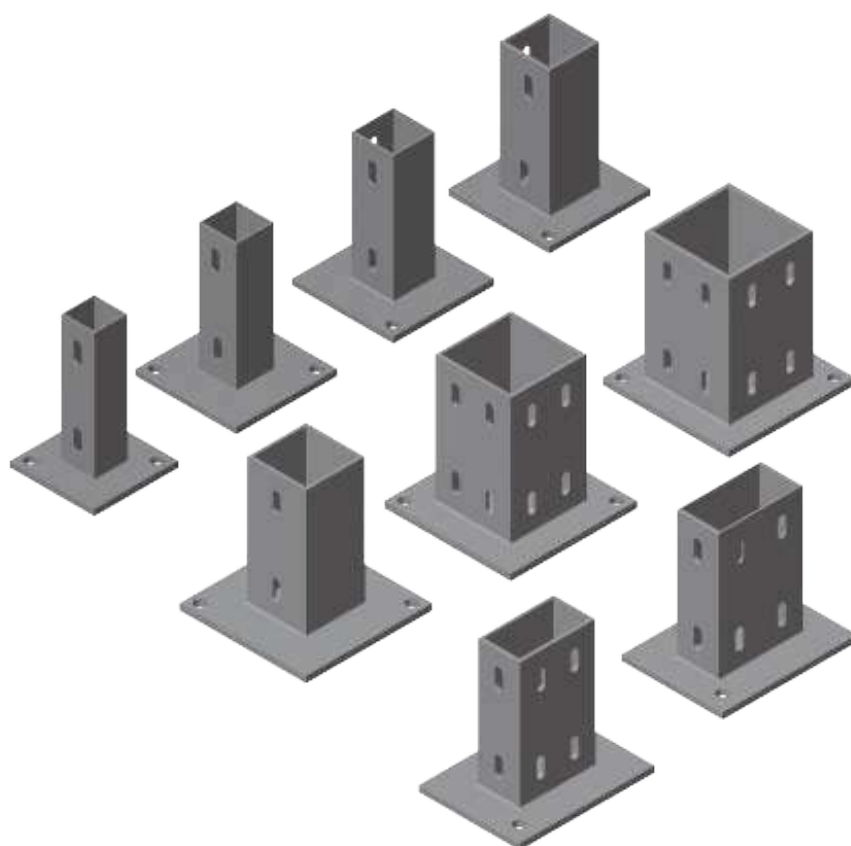
Application

Suitable for fixing light aluminium structures to the floor.

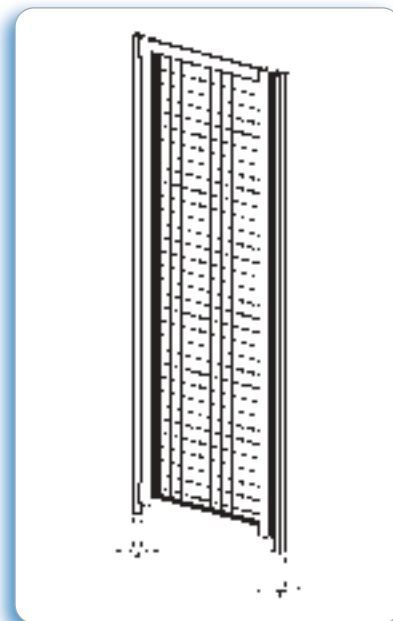


Soportes de anclaje a suelo **Acero zincado**

Floor fixing feet **Zinc plated steel**



16
40
45
50
60
80
90



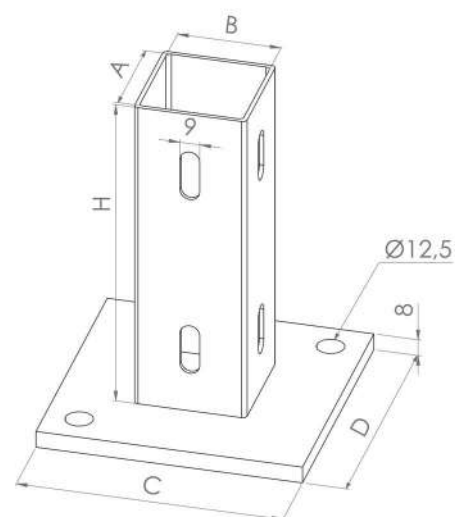
Aplicación

Para la fijación de vallados y cerramientos de seguridad de aluminio al suelo.

Application

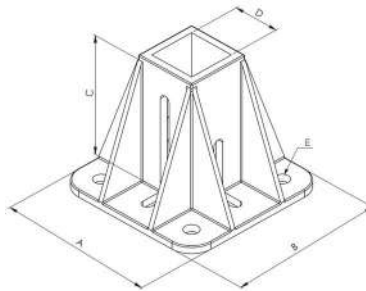
For the fixing of protection panels and safety enclosures to the floor.

		A	B	C	D	H	
5419	35x35	35	35	100	100	150	1,2
5416	40x40	40	40	120	120	150	1,8
5410	45x45	45	45	120	120	150	1,9
5418	45x90	45	90	120	175	150	2,5
5414	60x60	60	60	120	120	150	3,1
5417	80x80	80	80	150	150	150	3,7
5411	90x90	90	90	150	150	150	4
5421	40x80	40	80	160	120	150	2,3
5422	50x50	50	50	160	120	150	2,7





Soporte de anclaje a suelo 45x45 / 40x40 **Aluminio fundido, color aluminio**
Floor fixing foot **Die-cast aluminium, alu. colour**



40

45



Aplicación

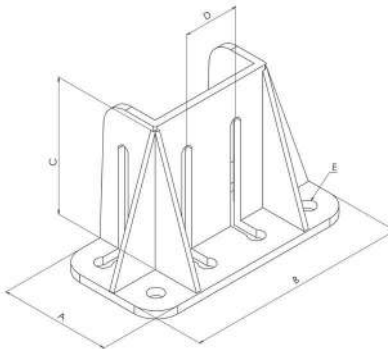
Para la fijación de vallados y cerramientos de seguridad de aluminio al suelo.

Application

For the fixing of protection panels and safety enclosures to the floor.

			A	B	C	D	E
5415	45x45	0,725	135	135	120	46	12,5
54161	40x40	0,85	135	135	120	41	12,5

Soporte de anclaje a suelo **Aluminio fundido, color aluminio**
Floor fixing foot **Die-cast aluminium, alu. colour**

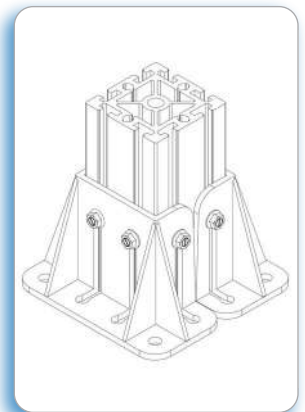


40

45

80

90



Aplicación

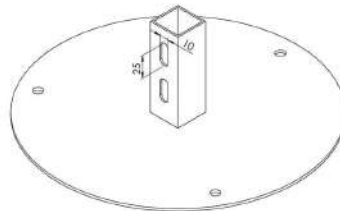
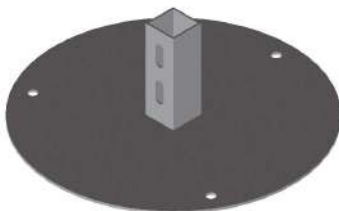
Para la fijación de perfiles al suelo.

Application

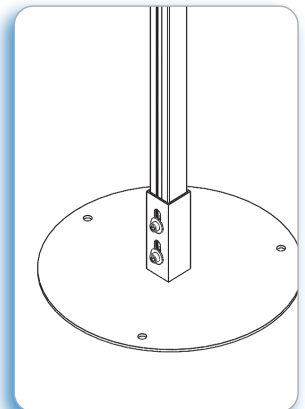
For the fixing of profiles to the floor.

			A	B	C	D	E
5420	45x90 / 90x90	0,725	90	180	120	45	12,5
54211	40x80 / 80x80	0,725	85	170	120	40	12,5

Soporte de anclaje a suelo para perfil 30x30 **Acero zincado**
30x30 profile floor fixing foot **Zinc plated steel**



30



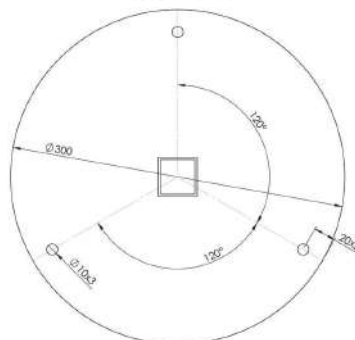
Aplicación

Para la fijación de perfil 30x30 al suelo.

Application

For the fixing of 30x30 profile to the floor.

5423	1,850





Ruedas giratorias de goma **Goma gris, soporte en acero**
 Rubber swivel wheels **Grey rubber, steel support**



Aplicación

De montaje en estructuras que requieran desplazamiento.

Application

To use in structures that need to be displaced.

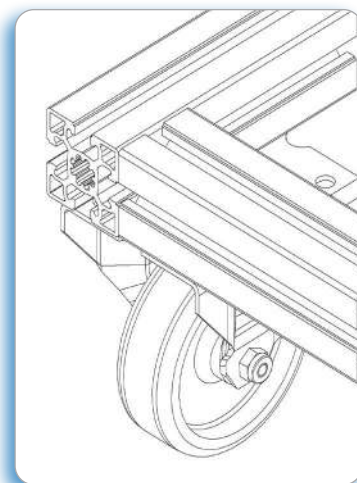
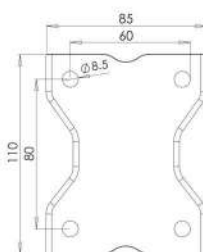
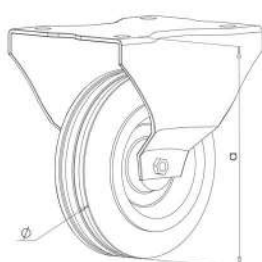
SIN FRENO - WITHOUT BRAKE

	Ø	a	b	MAX. Kg	
542050127	50	73	22	50	0,313
542060127	60	83	23	60	0,341
542080127	80	104	24	65	0,611
5420100127	100	125	37	85	0,741
5420125127	125	160	49	110	0,900

CON FRENO - WITH BRAKE

	Ø	a	b	MAX. Kg	
542150127	50	73	22	50	0,270
542160127	60	83	23	60	0,342
542180127	80	104	24	65	0,806
5421100127	100	125	37	85	0,936
5421125127	125	160	49	110	1

Rueda fija de goma **Goma negra, soporte en acero**
 Rubber wheel **Black rubber, steel support**



Aplicación

De montaje en estructuras que requieran desplazamiento.

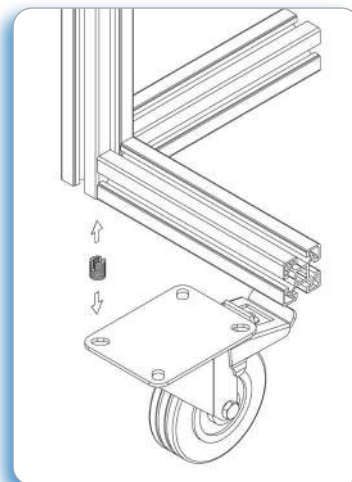
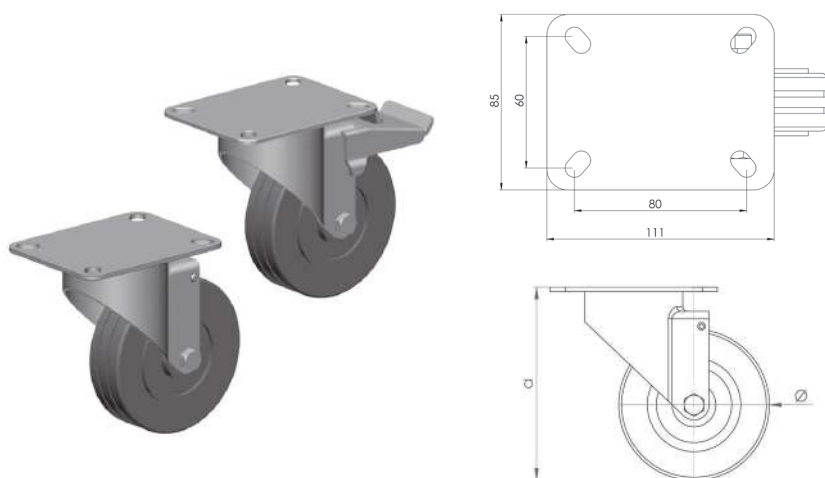
Application

To use in structures that need to be displaced.

	Ø	a	MAX. Kg	
5422100	100	130	100	0,686
5422125	125	155	125	0,948



Rueda giratoria de goma con placa **Goma negra, soporte en acero**
 Rubber swivel wheel with plate **Black rubber, steel support**



Aplicación
 De montaje en estructuras que requieran desplazamiento. Tornillería no incluida.

Application
 To use in structures that need to be displaced. Screws not included.

SIN FRENO - WITHOUT BRAKE

	Ø	a	MAX. Kg	
RG100	100	128	100	1,098
RG125	125	154	125	1,257

CON FRENO - WITH BRAKE

	Ø	a	MAX. Kg	
RGF100	100	128	100	1,293
RGF125	125	154	125	1,357

SIN FRENO - WITHOUT BRAKE

	Ø	a	MAX. Kg	
RGESD100	100	128	100	1,098
RGESD125	125	154	125	1,257



CON FRENO - WITH BRAKE

	Ø	a	MAX. Kg	
RGFESD100	100	128	100	1,293
RGFESD125	125	154	125	1,357



Ruedas giratorias de nylon **Acero**
 Nylon swivel wheels **Steel**



Aplicación
 De montaje en estructuras que requieran desplazamiento.

Application
 To use in structures that need to be displaced.

SIN FRENO - WITHOUT BRAKE

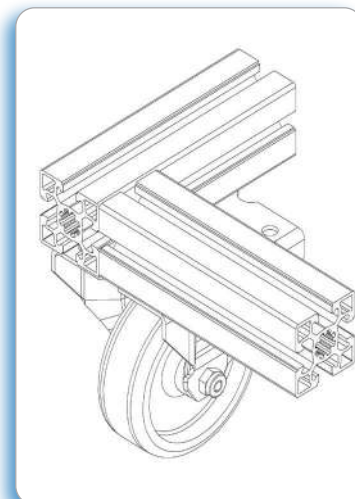
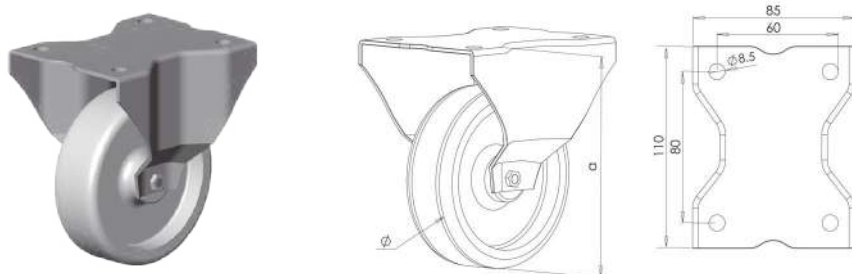
	Ø	a	b	MAX. Kg	
5423080127	80	104	24	150	0,725
54230100127	100	125	37	200	0,775
54230125127	125	160	49	250	0,945

CON FRENO - WITH BRAKE

	Ø	a	b	MAX. Kg	
5423180127	80	104	24	150	0,806
54231100127	100	125	37	200	0,900
54231125127	125	160	49	250	1,154



Rueda fija de nylon **Acero**
Nylon wheel **Steel**



Aplicación

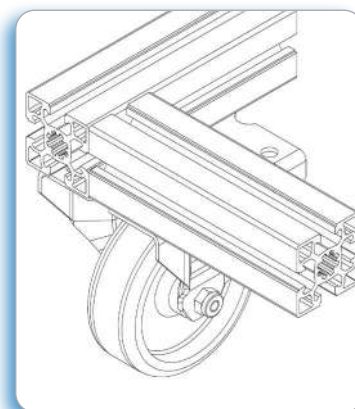
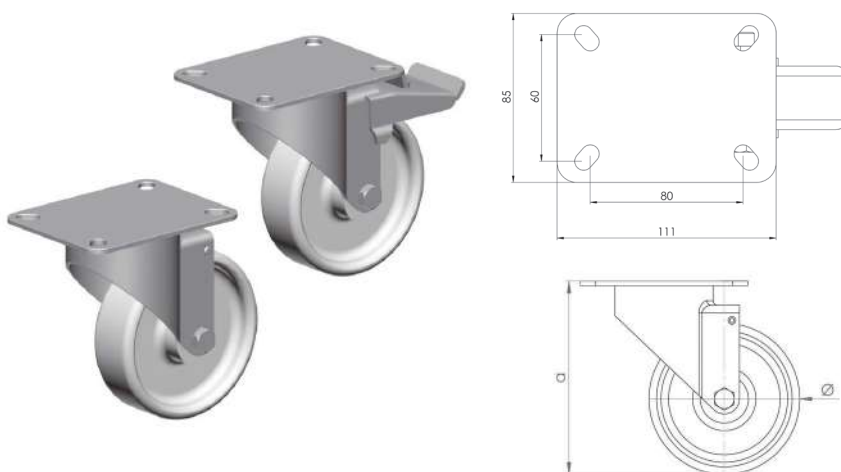
De montaje en estructuras que requieran desplazamiento.

Application

To use in structures that need to be displaced.

	φ	α	MAX. Kg	
5424100	100	126	160	0,524
5424125	125	153	220	0,728

Rueda giratoria de nylon con placa **Soporte en acero**
Nylon swivel wheel with plate **Steel support**



Aplicación

De montaje en estructuras que requieran desplazamiento. Tornillería no incluida.

Application

To use in structures that need to be displaced. Screws not included.

SIN FRENO - WITHOUT BRAKE

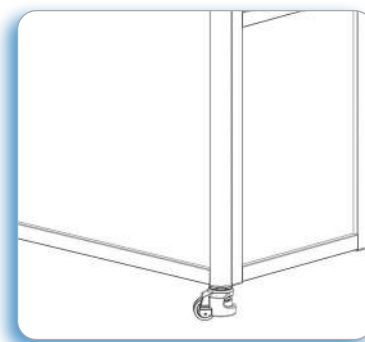
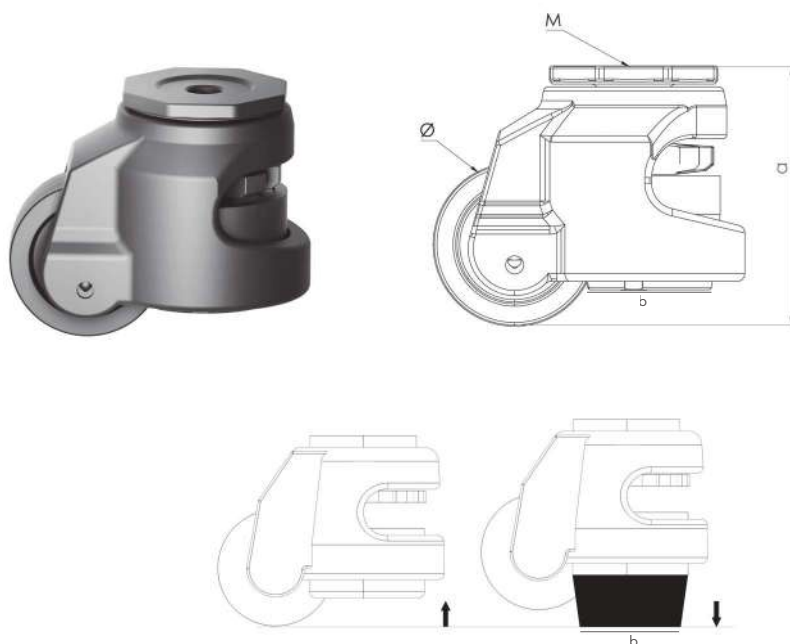
	φ	α	MAX. Kg	
RG100NYL	100	128	220	1,132
RG125NYL	125	154	300	1,302

CON FRENO - WITH BRAKE

	φ	α	MAX. Kg	
RGF100NYL	100	128	220	1,257
RGF125NYL	125	154	300	1,511



Rueda niveladora con aro de poliamida
Leveling castor with polyamide wheel



Aplicación

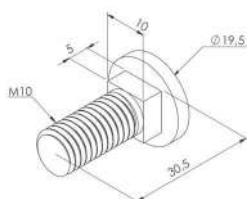
De montaje en estructuras que requieren fijación a suelo y desplazamiento ocasional. Mediante el accionamiento de la ruleta el soporte de goma sube y baja permitiendo la nivelación de la estructura.

Application

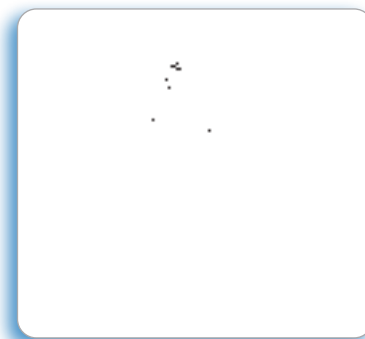
Assembly in structures that require fixation to the ground and occasional movement. By operating the caster wheel, the rubber support raises and lowers, allowing for the leveling of the structure.

	Ø	M	a	b	MAX. Kg
RN63	63	M12	103-118	30	250
RN75	75	M16	120-132	30	375
RN75H	75	M16	120-132	33	500

Tornillo de fijación antigiro M10 Acero zincado
Anti-rotation fixing bolt M10 Zinc plated steel



536110	0,022



Aplicación

Para la fijación de ruedas y otros elementos sin necesidad de taladrar los perfiles.

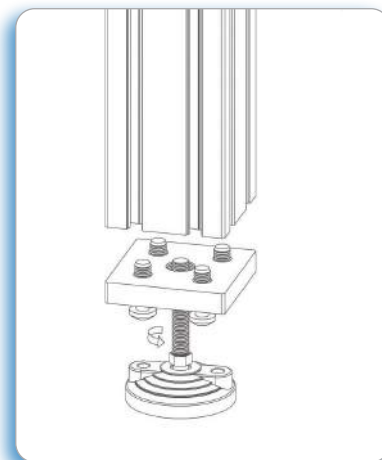
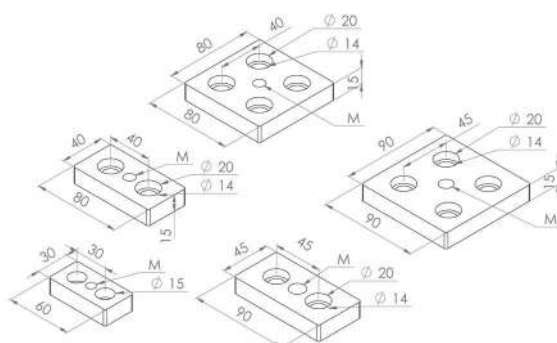
Application

For the assembly of wheels and other accessories without drilling the aluminium profiles.



Placas base **Acero zincado, Inyección de zinc**

End plates **Zinc plated steel, Die-cast zinc**



Aplicación

Para el ensamblaje de ruedas o pies en la base de perfiles de aluminio que no disponen de núcleo central donde roscar.

Application

For the assembly of adjustable feet or wheels on profiles lacking central channel.

30 x 60 **Acero zincado / Zinc plated steel**

		
542912	M 8	0,168

40 x 80 **Inyección de zinc, negro / Die-cast zinc, black**

		
543412	M 12	0,196
543414	M 14	0,195
543416	M 16	0,19

80 x 80 **Inyección de zinc, negro / Die-cast zinc, black**

		
543512	M 12	0,364
543514	M 14	0,362
543516	M 16	0,355
543520	M 20	0,349

45 x 90 **Inyección de zinc, negro / Die-cast zinc, black**

		
543012	M 12	0,244
543014	M 14	0,243
543016	M 16	0,238

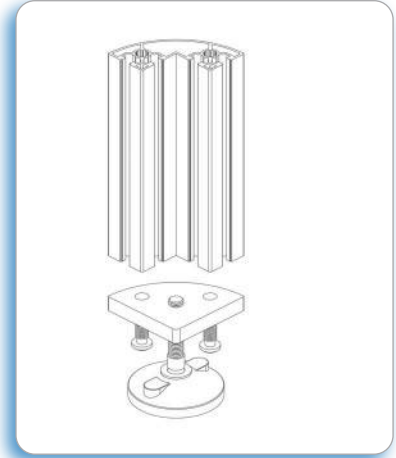
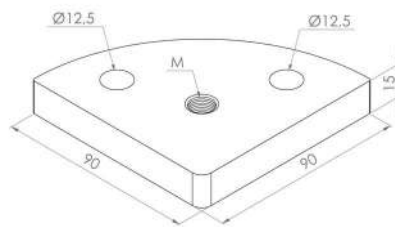
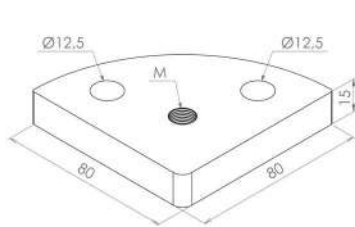
90 x 90 **Inyección de zinc, negro / Die-cast zinc, black**

		
543112	M 12	0,436
543114	M 14	0,433
543116	M 16	0,427
543120	M 20	0,419



Placas base **Acero zincado**

End plates **Zinc plated steel**



Aplicación

Para el ensamblaje de ruedas o pies en la base de perfiles de aluminio que no disponen de núcleo central donde roscar.

Application

For the assembly of adjustable feet or wheels on profiles lacking central channel.

MC-90 **Acero zincado / Zinc plated steel**

		
543712	M12	0,65
543714	M14	0,65

MC-80 **Acero zincado / Zinc plated steel**

		
543812	M12	0,5
543814	M14	0,5

ACCESORIOS PARA PUERTAS

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DOOR ACCESSORIES



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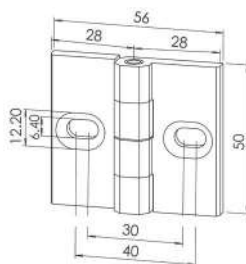
ACCESORIOS PARA PUERTAS

DOOR ACCESSORIES



Bisagra metálica 50x56 [Inyección de zinc](#)

Metal hinge 50x56 [Die-cast zinc](#)



56071



0,102

J5

J0

J5

Aplicación

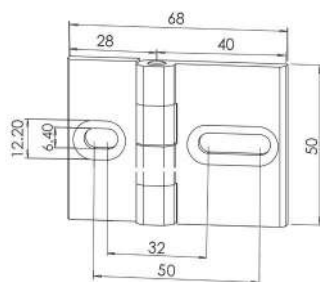
Gracias a los agujeros rasgados, pueden ser utilizadas con perfiles de diferentes medidas.

Application

Due to the almond-shaped holes, it can be used on profiles of various measures.

Bisagra metálica 50x68 [Inyección de zinc](#)

Metal hinge 50x68 [Die-cast zinc](#)



56081



0,119

J5

40

43

60

Aplicación

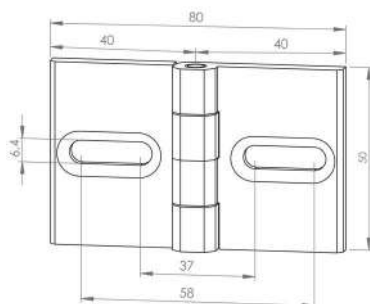
Gracias a los agujeros rasgados, pueden ser utilizadas con perfiles de diferentes medidas.

Application

Due to the almond-shaped holes, it can be used on profiles of various measures.

Bisagra metálica 50x80 [Inyección de zinc](#)

Metal hinge 50x80 [Die-cast zinc](#)



56091



0,136

40

43

60

Aplicación

Gracias a los agujeros rasgados, pueden ser utilizadas con perfiles de diferentes medidas.

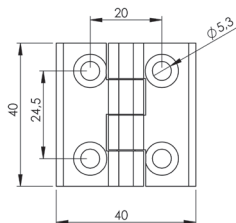
Application

Due to the almond-shaped holes, it can be used on profiles of various measures.



Bisagra metálica 40x40 **Inyección de aluminio**

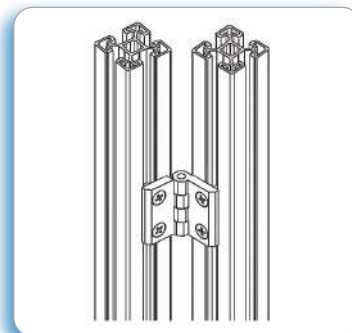
Metal hinge 40x40 **Die-cast aluminium**



56150

0,021

20



Aplicación

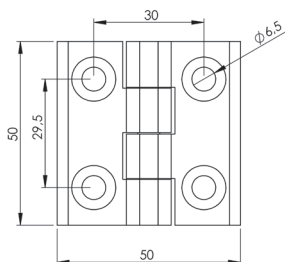
De uso en puertas y paneles.

Application

Suitable for doors and panels.

Bisagra metálica 50x50 **Inyección de aluminio**

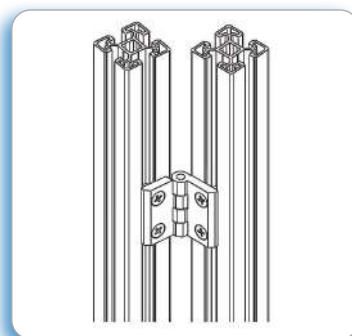
Metal hinge 50x50 **Die-cast aluminium**



56151

0,041

30



Aplicación

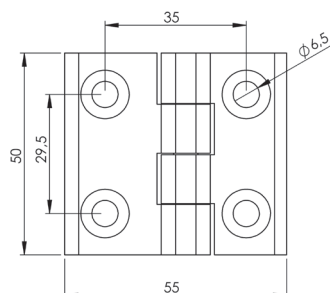
De uso en puertas y paneles

Application

Suitable for door and panels

Bisagra metálica 50x55 **Inyección de aluminio**

Metal hinge 50x55 **Die-cast aluminium**

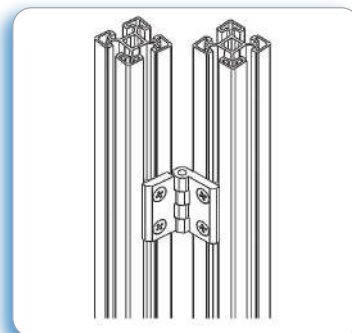


56152

0,045

30

35



Aplicación

De uso en puertas y paneles.

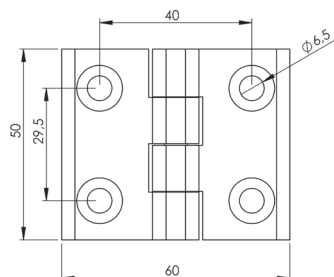
Application

Suitable for doors and panels

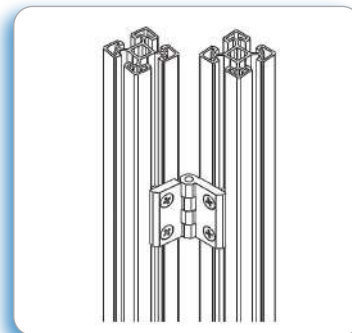


Bisagra metálica 50x60 **Inyección de aluminio**

Metal hinge 50x60 **Die-cast aluminium**



40



Aplicación

De uso en puertas y paneles.

Application

Suitable for doors and panels



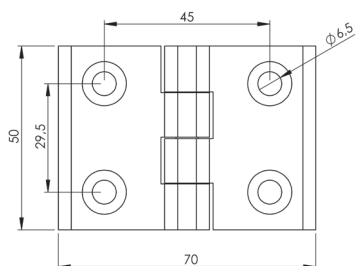
56153



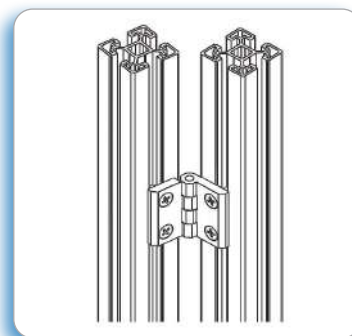
0,049

Bisagra metálica 50x70 **Inyección de aluminio**

Metal hinge 50x70 **Die-cast aluminium**



45



Aplicación

De uso en puertas y paneles.

Application

Suitable for doors and panels



56154



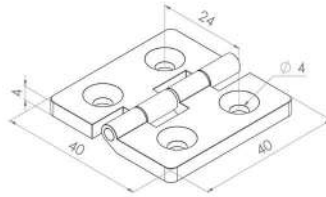
0,051



Bisagra 40x40 **Poliamida**

Hinge 40x40 **Fibreglass reinforced nylon**

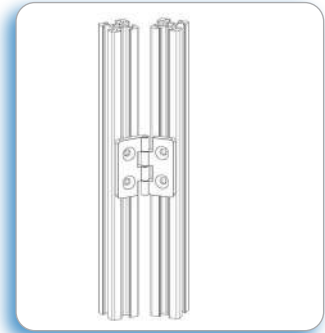
20



5606



0,009



Aplicación

De uso en puertas y paneles de pequeñas dimensiones.

Application

Suitable for small-size doors and panels.

Bisagra 40x50 **Poliamida**

Hinge 40x50 **Fibreglass reinforced nylon**

25

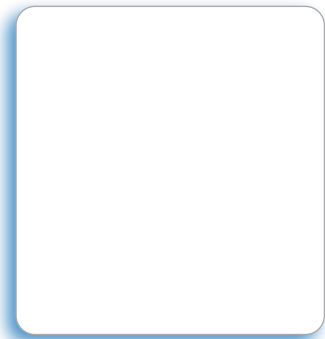
30



5607



0,026



Aplicación

De uso en puertas y paneles de pequeñas dimensiones.

Application

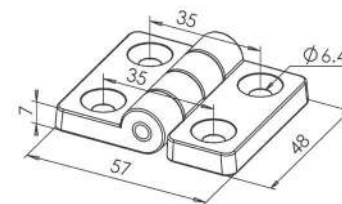
Suitable for small-size doors and panels.

Bisagra 48x57 **Poliamida**

Hinge 48x57 **Fibreglass reinforced nylon**

30

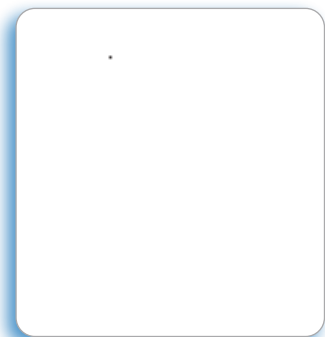
35



5608



0,035



Aplicación

De uso en puertas y paneles de pequeñas dimensiones.

Application

Suitable for small-size doors and panels.



Bisagra 48x67 **Poliamida**

Hinge 48x67 **Fibreglass reinforced nylon**



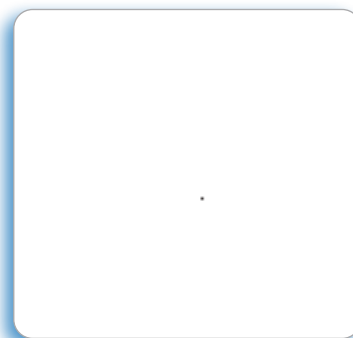
5609



0,038

35

40



Aplicación

De uso en puertas y paneles de pequeñas dimensiones.

Application

Suitable for small-size doors and panels.

Bisagra 48x77 **Poliamida**

Hinge 48x77 **Fibreglass reinforced nylon**



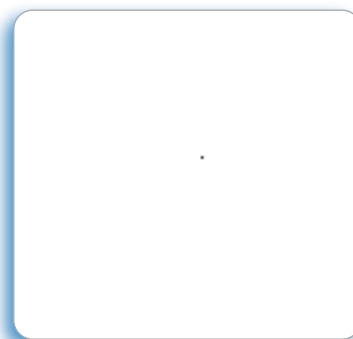
56010



0,042

40

45



Aplicación

De uso en puertas y paneles.

Application

Suitable for doors and panels.

Bisagra 48x87 **Poliamida**

Hinge 48x87 **Fibreglass reinforced nylon**



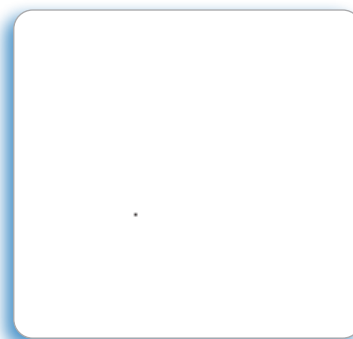
56011



0,044

45

50



Aplicación

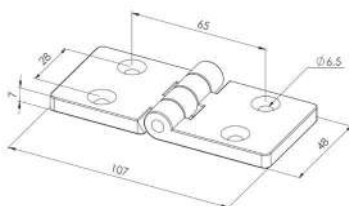
De uso en puertas y paneles.

Application

Suitable for doors and panels.



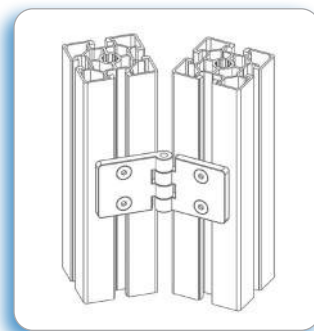
Bisagra 48x107 **Poliamida**
Hinge 48x107 **Fibreglass reinforced nylon**



56012



0,054



Aplicación
De uso en puertas y paneles.

Application
Suitable for doors and panels.

Bisagra 76x76 **Acero inoxidable**
Hinge 76x76 **Stainless steel**



5610-INOX

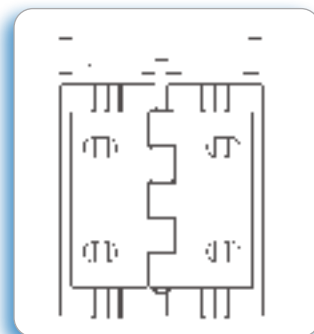


75 mm > D < 100 mm



0,118

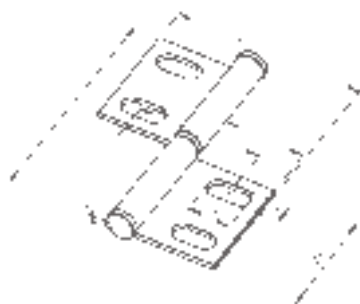
INOX



Aplicación
Gracias a los agujeros alargados, permite su utilización entre perfiles de múltiples medidas.

Application
Due to the almond-shaped holes it can be used on profiles of various measures.

Bisagra desmontable 105x82 **Acero inoxidable**
Detachable hinge 105x82 **Stainless steel**



56111-INOX

Mod. Izda./Left.



0,150

56112-INOX

Mod. Dcha./Right.

0,150

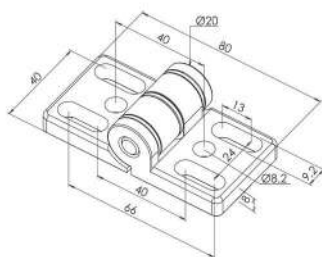
INOX



Aplicación
Permite desmontar la puerta del marco sin necesidad de desatornillar la bisagra. Queda oculta entre los perfiles donde se aloja. De uso en puertas de cerramientos de seguridad y vallados.

Application
The door can be lifted-off without unscrewing the hinge. The hinge remains hidden between both profiles. Recommended for the assembly in safety enclosure doors.

Metal hinge 80x40 Die-cast zinc



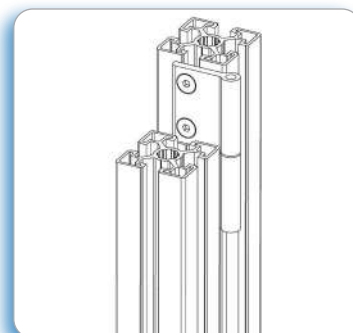
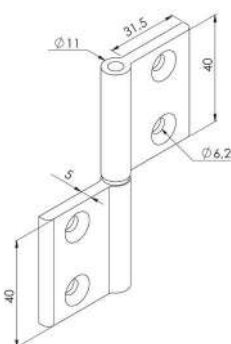
0,176



La unión de los perfiles puede realizarse tanto en el canal como en el extremo de los perfiles. Si fuera necesario, pueden eliminarse las pestañas de posicionamiento utilizando un destornillador.

Fastening is possible on profile slots or at the end of profiles. If required, the guiding pin can be removed with a screwdriver.

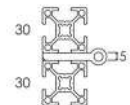
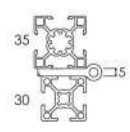
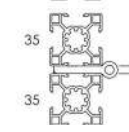
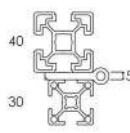
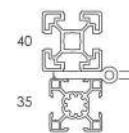
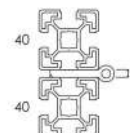
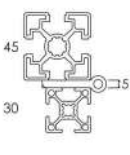
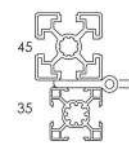
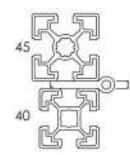
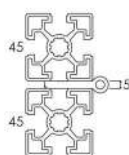
Detachable hinge **Anodized aluminium**



Permite desmontar la puerta del marco sin necesidad de desatornillar la bisagra. Queda oculta entre los perfiles donde se aloja. De uso en puertas de cerramientos de seguridad y vallados.

The door can be lifted-off without unscrewing the hinge. The hinge remains hidden between both profiles. Recommended for the assembly in safety enclosure doors.

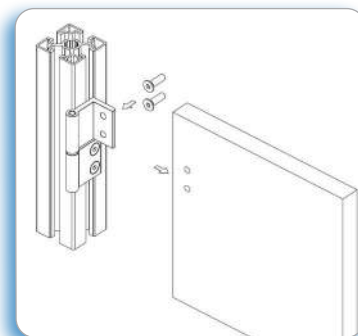
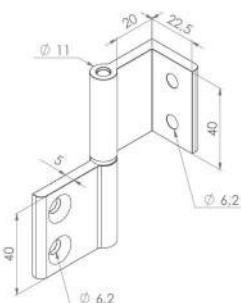
		
56130	45-45	0,06
56131	45-40	0,06
56132	45-35	0,06
56133	45-30	0,06
		
56134	40-40	0,06
56135	40-35	0,06
56136	40-30	0,06
		
56137	35-35	0,06
56138	35-30	0,06
		
56139	30-30	0,06





Bisagra desmontable para panel **Aluminio anodizado**

Detachable hinge for panel **Anodized aluminium**



Aplicación

Para el montaje de puertas abatibles sin marcos en los perfiles. Los paneles o tableros van fijados directamente a la bisagra.

Application

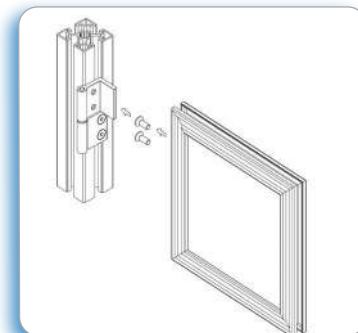
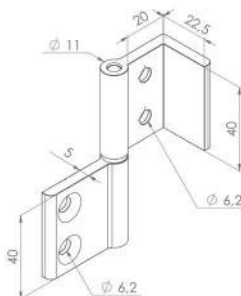
For the assembly of non frame swinging doors to profiles. Panels are directly attached to hinges.

		
56144	30	0,07
56145	35	0,07
56146	40	0,07
56147	45	0,07



Bisagra desmontable para perfil marco 20x22,5 mm **Aluminio anodizado**

Detachable hinge for frame profile 20x22,5 mm **Anodized aluminium**



Aplicación

Para el montaje de puertas abatibles en los perfiles. De uso con el perfil marco 20x22,5 cod.50946.

Application

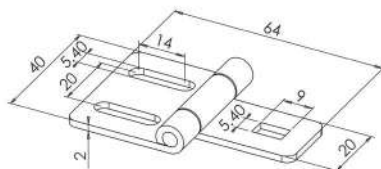
For the assembly of swinging doors to profiles. To be used with frame profile 20x22,5 cod.50946.

		
56140	30	0,07
56141	35	0,07
56142	40	0,07
56143	45	0,07



Bisagra metálica 40x64 **Acero, color negro**

Hinge 40x64 **Steel, black**



Aplicación

Para puertas y tapas que necesiten un giro de 180°. Esta bisagra puede ser fijada en el interior de los perfiles.

Application

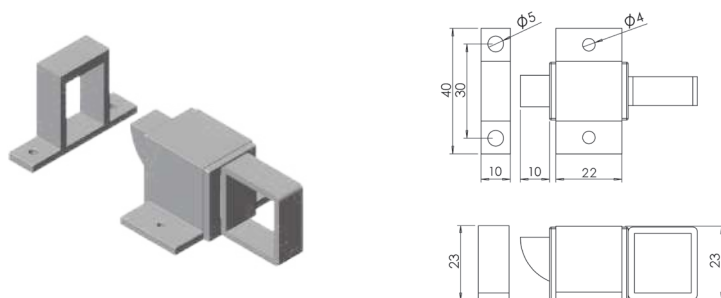
For lids and doors that need 180° swing. Hinge can be attached on the inside.

	
5611	0,038



Cierre golpete **Aluminio, anodizado natural**

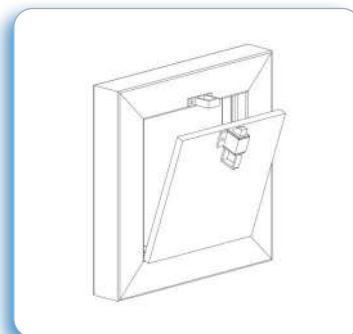
Door catch **Anodized aluminium**



56311



0,040



Aplicación

Para puertas abatibles. Se puede colocar tanto en los canales de los perfiles como directamente sobre los paneles.

Application

For the assembly of swinging doors. It can be fixed on the profile slot or directly attached to panels.

Cierre magnético **Poliamida, color negro**

Slam latch **Fibreglass reinforced nylon, black**



56322



30 mm



0,068

56323

35 mm

0,068

25

30

35



Aplicación

Para uso en puertas abatibles construidas en perfiles de sección pequeña: 25, 30 y 35 mm.

Application

To use in doors built with small section profiles: 25, 30, 35 mm.

Cierre magnético **Poliamida, color negro**

Slam latch **Fibreglass reinforced nylon, black**



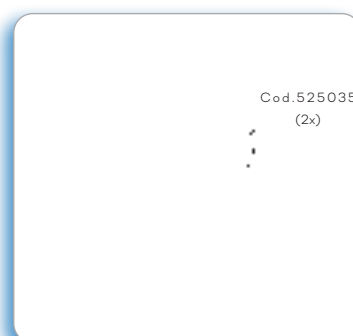
56324



0,118

40

45



Aplicación

Para uso en puertas abatibles construidas en perfiles de sección grande: 40, 45 mm.

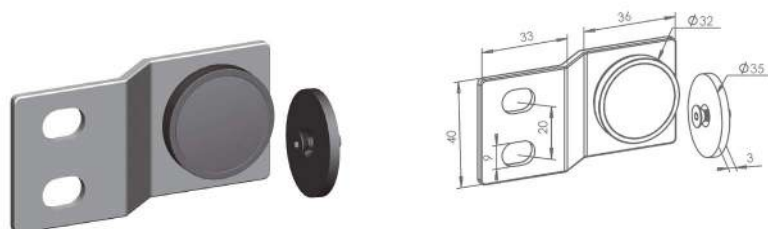
Application

To use in doors built with large section profiles: 40, 45 mm.



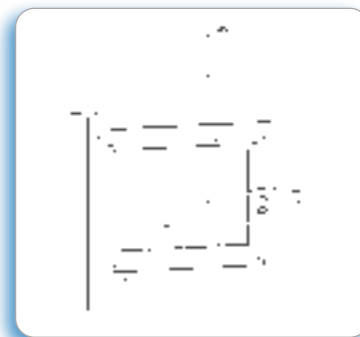
Cierre magnético **Acero zincado**

Magnetic lock **Zinc plated steel**




5632


0,127



Aplicación

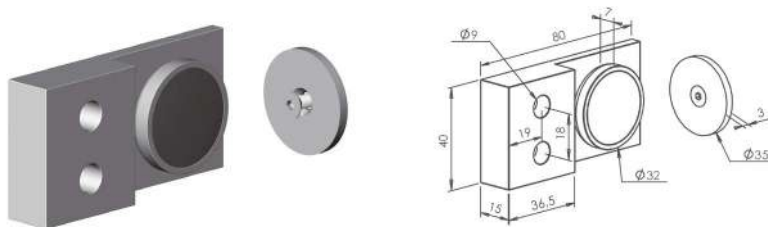
Para puertas abatibles. Se puede colocar tanto en los canales de los perfiles como directamente sobre los paneles.

Application

For the assembly of swinging doors. It can be fixed on the profile slot or directly attached to panels.

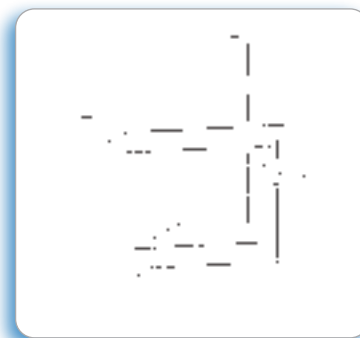
Cierre magnético **Aluminio anodizado**

Magnetic lock **Anodized aluminium**




56321


0,114



Aplicación

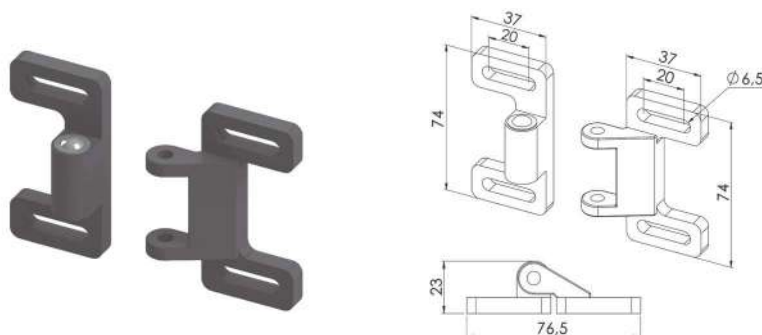
Para puertas abatibles. Se puede colocar tanto en los canales de los perfiles como directamente sobre los paneles.

Application

For the assembly of swinging doors. It can be fixed on the profile slot or directly attached to panels.

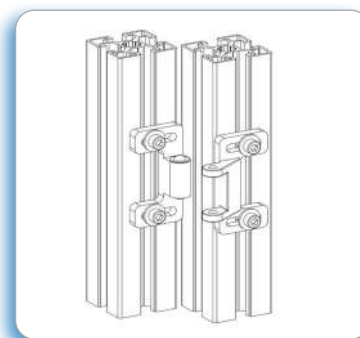
Cierre de bolas reforzado **Poliamida reforzada, negro**

Reinforced ball catch **Fiberglass reinforced nylon, black**




56302


0,046



Aplicación

Para puertas correderas y abatibles. Se puede colocar tanto en los canales de los perfiles como directamente sobre los paneles.

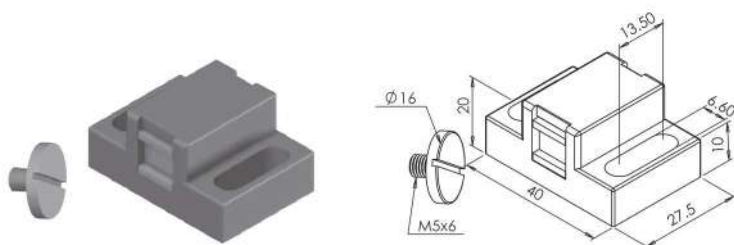
Application

For the assembly of sliding and swinging door. It can be fixed on the profile slot or directly attached to panels.



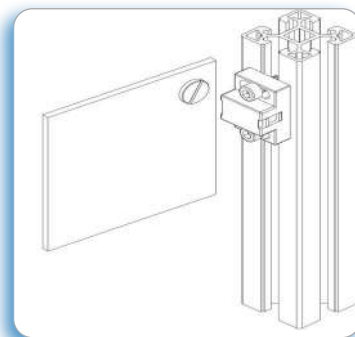
Imán Poliamida, color negro

Magnet Fiberglass reinforced nylon, black



5634

0,034



Aplicación

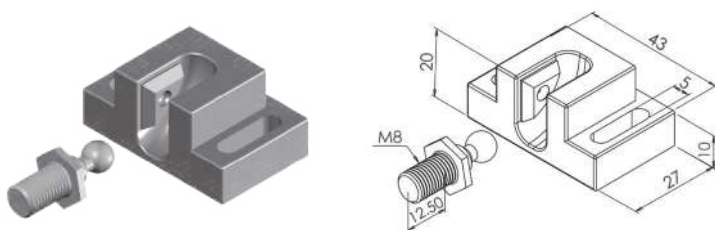
Para puertas correderas y abatibles. Se puede colocar directamente sobre los paneles.

Application

For the assembly of sliding and swinging doors. It can be mounted directly attached to panels.

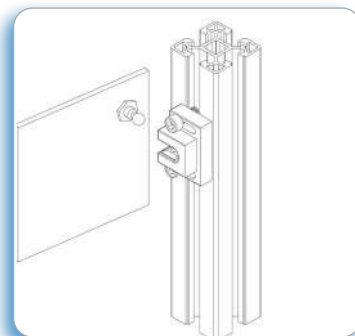
Cierre enganche Poliamida color negro

Ball catch Fiberglass reinforced nylon, black



563241

0,026



Aplicación

Para puertas correderas y abatibles. Se puede colocar directamente sobre los paneles.

Application

For the assembly of sliding and swinging doors. It can be mounted directly attached to panels.

Cerradura de sobreponer con llave Inyección de zinc, color negro

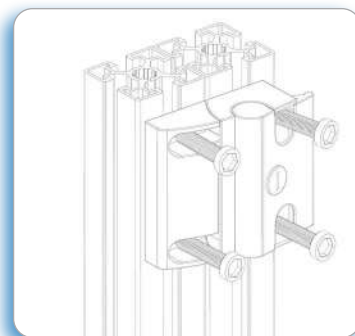
Overlap lock Die-cast zinc, black colour

No necesita mecanización
No machining needed



563251

0,55



Aplicación

Para cerrar puertas de forma segura. Válida para tope a la izquierda y a la derecha. El montaje no necesita de mecanización de los perfiles. Llave incluida.

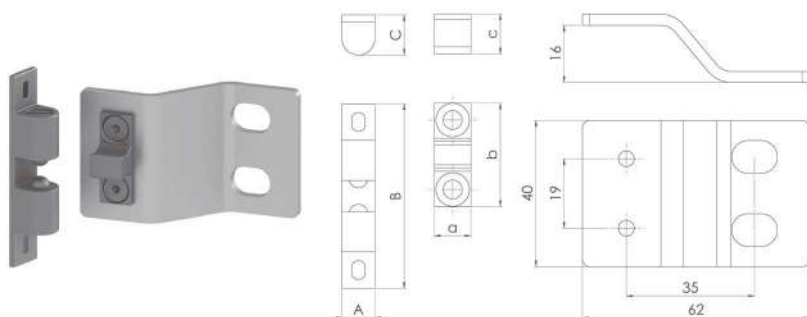
Application

To close doors securely. Suitable for both right and left hands. Assembly does not need machining of profiles. Key included.



Cierre de bolas Latón con bolas de acero inoxidable

Ball catch Brass, stainless steel balls



	A	B	C	a	b	c	
56301	9	50	11	9,2	28,5	11	0,087

Aplicación

Para puertas correderas y abatibles. Se puede colocar tanto en los canales de los perfiles como directamente sobre los paneles.

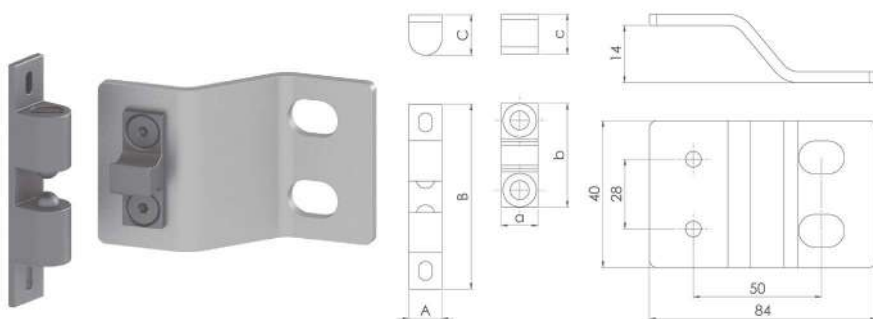
Application

For the assembly of sliding and swinging door. It can be fixed on the profile slot or directly attached to panels.



Cierre de bolas Latón con bolas de acero inoxidable

Ball catch Brass, stainless steel balls



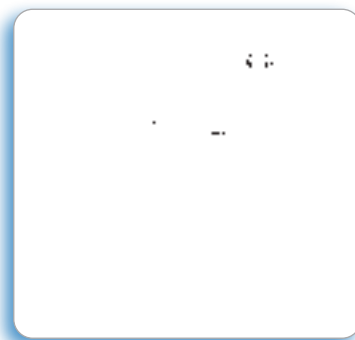
	A	B	C	a	b	c	
5630	11,5	60	13	10,5	37,2	12,5	0,127

Aplicación

Para puertas correderas y abatibles. Se puede colocar tanto en los canales de los perfiles como directamente sobre los paneles.

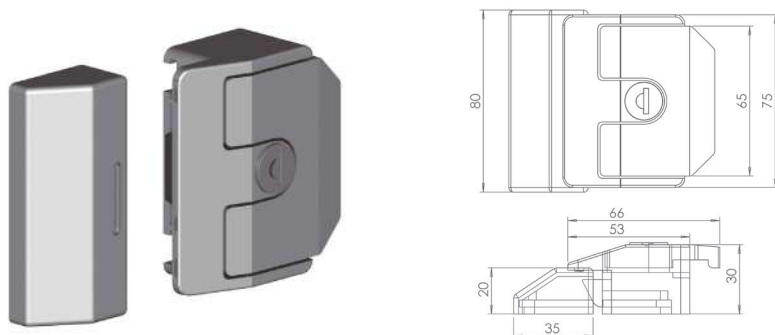
Application

For the assembly of sliding and swinging door. It can be fixed on the profile slot or directly attached to panels.



Cierre con llave Inyección de zinc, color negro

Slam latch Die-cast zinc, black colour



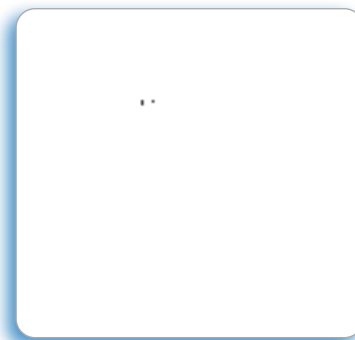
56325	0,563	

Aplicación

Para cerrar puertas de forma segura. Válida para tope a la izquierda y a la derecha. Montaje desde el interior de los perfiles. Llave universal incluida.

Application

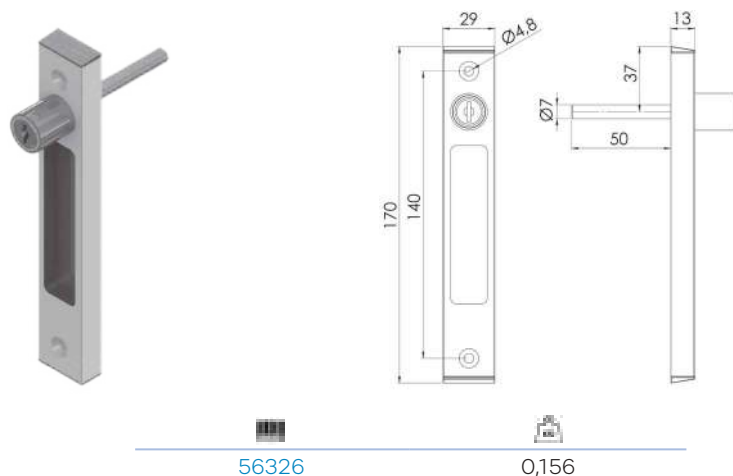
To close doors securely. Suitable for both right and left hands. Assembly from the interior side of profiles. Universal key included.





Cerradura central puerta corredera **Aluminio, color negro**

Sliding door lock **Aluminium, black**



56326

0,156



Aplicación

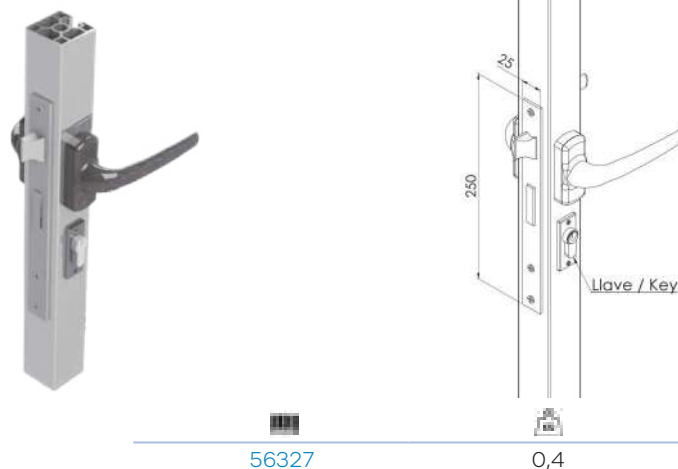
Para el cierre de puertas correderas con marcos. Se necesita realizar un taladro Ø8 mm. en el perfil de fijación del cierre. Llaves incluidas.

Application

For locking sliding doors with frames. A Ø8 mm hole needs to be drilled in the fastening profile of the lock, keys included.

Cerradura integrada

Integrated lock



56327

0,4

43



Aplicación

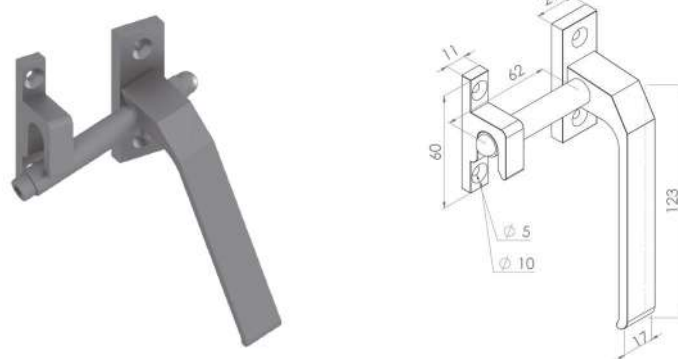
Para el cierre de puertas abatibles. La cerradura va integrada en el perfil vertical de 45x45. Incluye tirador y llaves.

Application

To close swing doors securely. Lock is integrated in the vertical profile 45x45. Lever and keys included.

Cierre de presión **Aluminio, anodizado natural**

Locking kit **Anodized aluminium**



56331

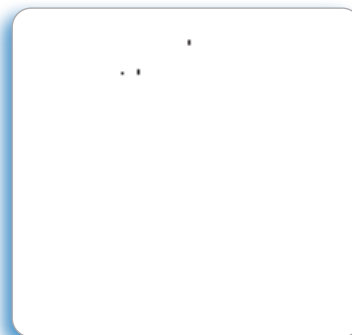
Mod. Izda./Left.

0,181

56332

Mod. Dcha./Right. (como imagen/as pictured)

0,181



Aplicación

Como cierre de puertas abatibles. Se puede colocar tanto en los canales de los perfiles como directamente sobre los paneles.

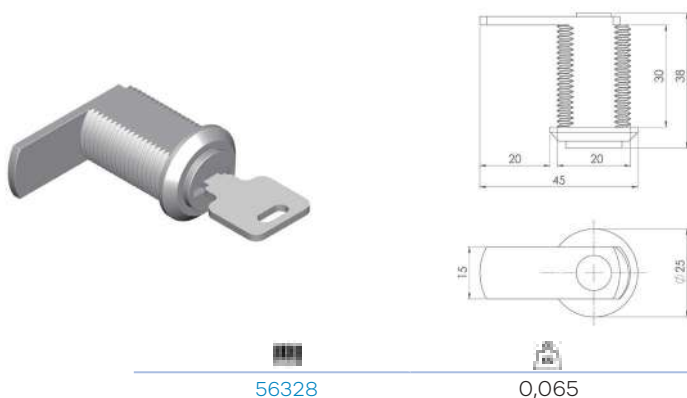
Application

To close swing doors. It can be fixed on the profile slot or directly attached to panels.



Cierre bombillo **Acero zincado**

Bulb lock **Zinc plated steel**



56328

0,065



Aplicación

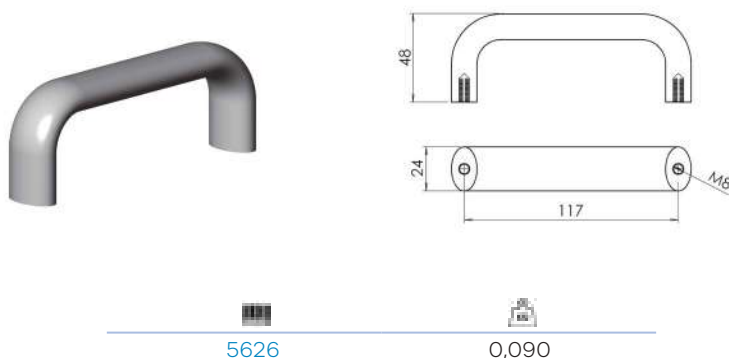
Para embutir en los perfiles de la serie 30mm mediante mecanizado Ø20 mm. Llaves iguales.

Application

To be used in profiles serie 30 mm. The profile must be drilled with a 20 mm diameter hole. Keys alike.

Tirador en U **Poliamida, color negro**

U handle **Fibreglass reinforced nylon, black**



5626

0,090



Aplicación

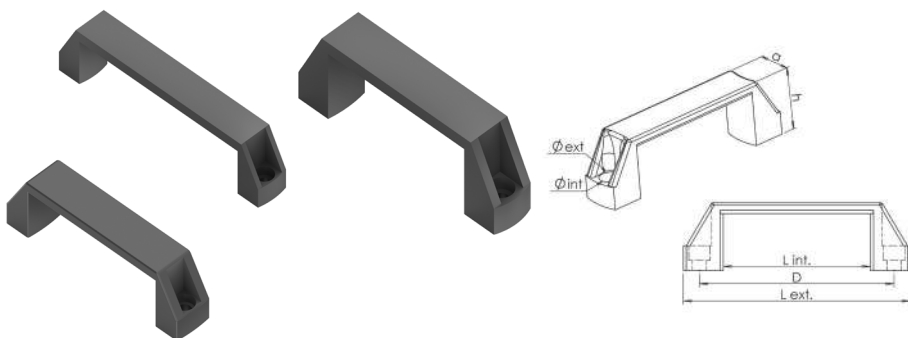
Para todo tipo de puertas y paneles. Debe ser montado roscando un tornillo por detrás.

Application

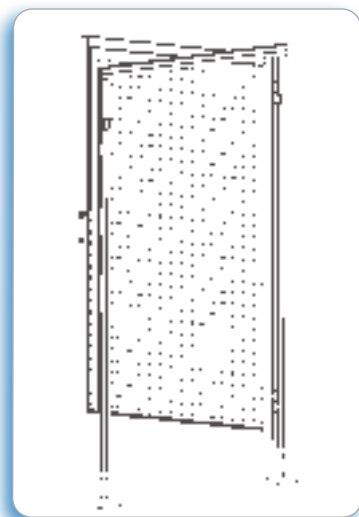
For all types of doors and panels. Handle must be rear-mounted.

Tiradores **Poliamida reforzada**

Handle **Fibreglass reinforced nylon**



	L ext	L int	D	a	h	Øint.	Øext.	
5620	109	71,2	93	20	41	6,7	11	0,028
5621	136	96,3	117	25	42	8,5	14	0,047
5622	152	106,4	133	25	47	8,5	14	0,055
5623	195	151,4	175	28	51	8,5	14	0,08



Aplicación

Para todo tipo de puertas y paneles.

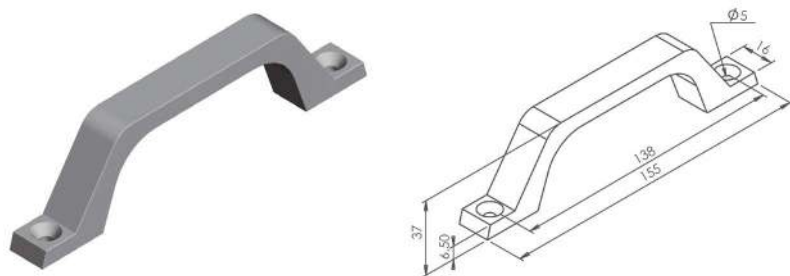
Application

For any type of door or panel.



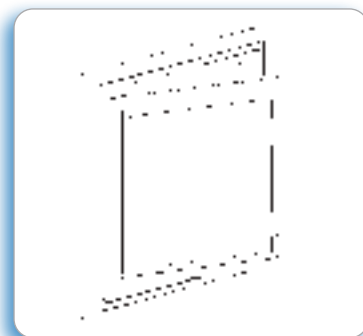
Tirador **Aluminio, anodizado natural**

Bow handle **Anodized aluminium**



5624

0,068



Aplicación

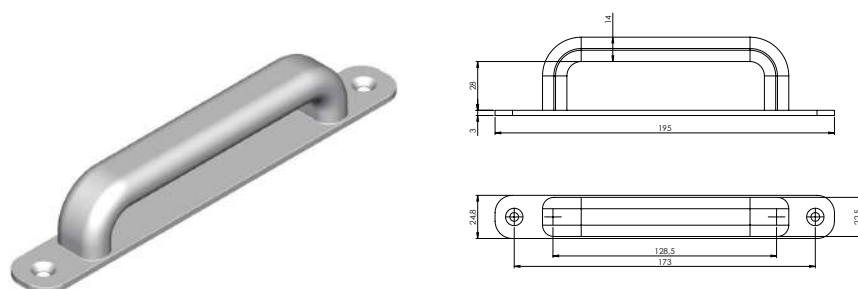
Para todo tipo de puertas y paneles.

Application

For any type of door or panel.

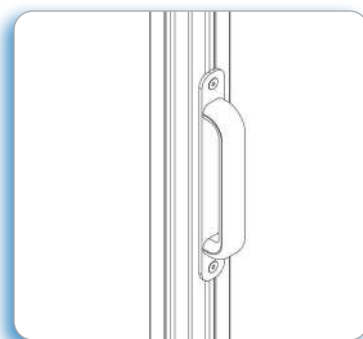
Tirador con soporte **Aluminio anodizado**

Handle with support **Anodized aluminium**



5628

0,166



Aplicación

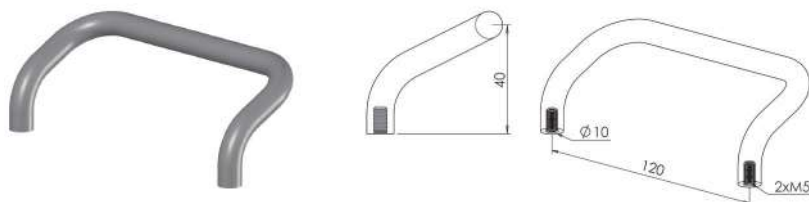
Tirador para sobreponer en todo tipo de puertas y paneles.

Application

Handle with support surface mounted for any type of door or panel.

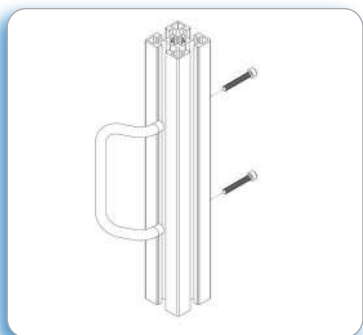
Asa **Aluminio color negro**

Handle **Aluminium black**



5627

0,135



Aplicación

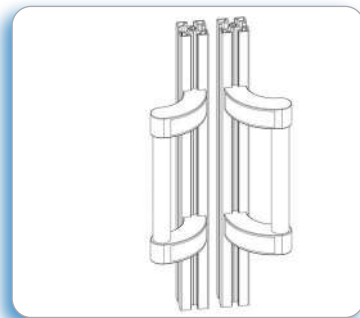
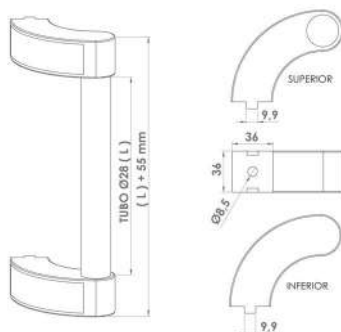
Permite un mayor espacio para colocación de las manos durante la apertura o cierre de la puerta. Debe ser montada roscando un tornillo por detras.

Application

Allows a wider space for hands positioning while opening or closing doors. Handle must be rear mounted.



Asa de seguridad tubular **Poliamida reforzada, aluminio anodizado**
Tubular security handle **Fibreglass reinforced nylon, anodized aluminium**



Aplicación

Para colocar asas de cualquier longitud evitando posibles atrapamientos al cerrar y abrir las puertas. El suministro incluye 2 soportes (superior + inferior). El tubo de aluminio Ø28 se suministra cortado a la medida solicitada por el cliente.

Application

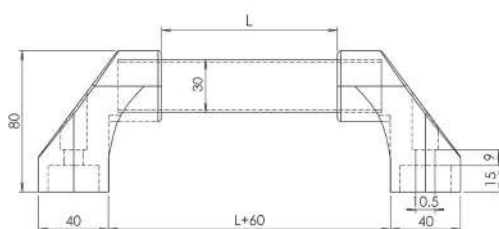
To build up handles of different sizes avoiding possible risk of entrapment when opening and closing doors. 2 holders are included (superior + inferior). Aluminium tube Ø28 length is supplied according to customer's requirements.

ASA DE SEGURIDAD TUBULAR (SUP. + INF.)
TUBULAR SECURITY HANDLE (SUP. + INF.)

TUBO Ø28 / TUBE Ø28

56251	0,15
50702	Ø 28 mm 1,3 mtr.

Asa tubular **Poliamida reforzada, aluminio anodizado**
Tubular handle **Fibreglass reinforced nylon, anodized aluminium**



Aplicación

Para construir asas de cualquier longitud. El suministro incluye 1 soporte. El tubo de aluminio Ø30 se suministra cortado a la medida solicitada por el cliente.

Application

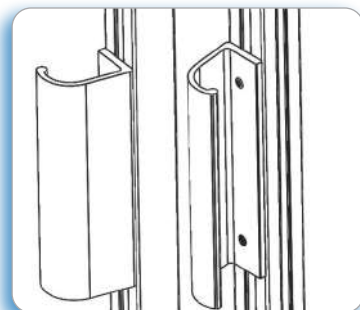
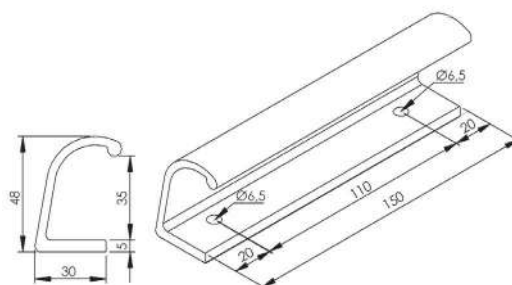
To build up handles of different sizes. Supply includes 1 holder. Aluminium tube Ø30 length is supplied according to customer's requirements.

SUJECCIÓN ASA TUBULAR
/ HOLDER

TUBO Ø 30X2 /
TUBE Ø 30X2

5625	0,099
5093	Ø 30mm 0,47

Perfil tirador con uñero **Aluminio anodizado**
Finger handle profile **Anodized aluminium**



Aplicación

Su forma impide pasar los dedos, evitando posibles atrapamientos al cerrar y abrir las puertas.

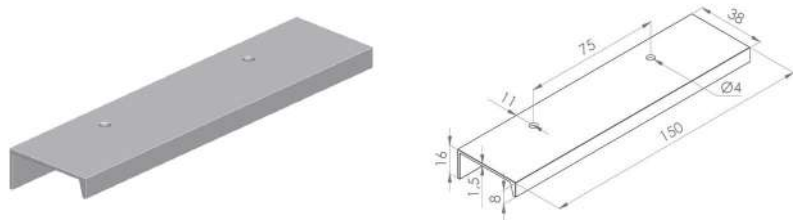
Application

The special shape prevents fingers from possible risk of entrapment when opening and closing doors.

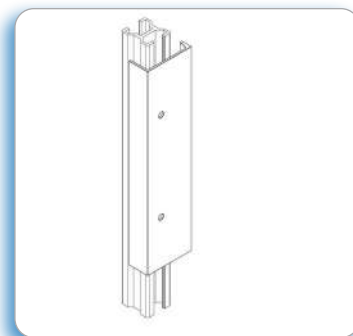
56241	0,15
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Tirador perfil marco 20x22,5 **Aluminio anodizado**
Handle frame profile 20x22,5 **Anodized aluminium**



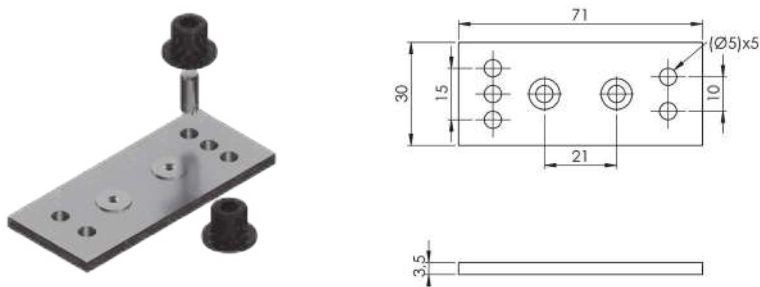
 5629  0,036



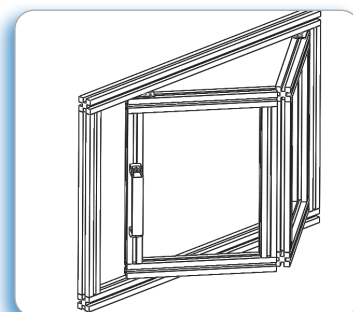
Aplicación
Tirador para sobreponer en el perfil marco 20x22,5 mm.

Application
Handle surface mounted for frame profile 20x22,5 mm.

Pletina pivotante puerta plegable **Inyección de zinc**
Folding door pivot plate **Die-cast zinc**



 56333  0,15



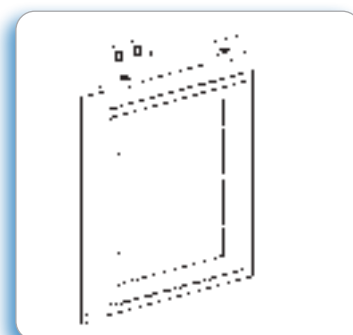
Aplicación
Conjunto pletina más pivote para el montaje de puertas plegables. Tornillería incluida:
2 x DIN 7991 M5x10
2 tuercas 52075
2 tuercas 52015

Application
Pivot plate for the construction of folding doors. Screws and nuts included:
2 x DIN 7991 M5x10
2 nuts 52075
2 nuts 52015

Roldana para puerta corredera **Acero zincado / acero inoxidable**
Sliding door suspensory roller **Zinc plated steel / stainless steel**



 5641  0,100
5641-INOX 0,100

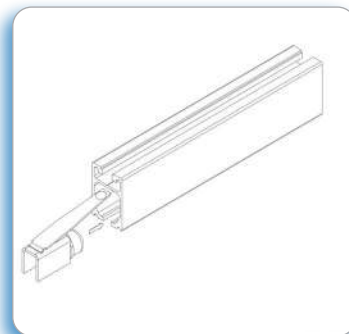
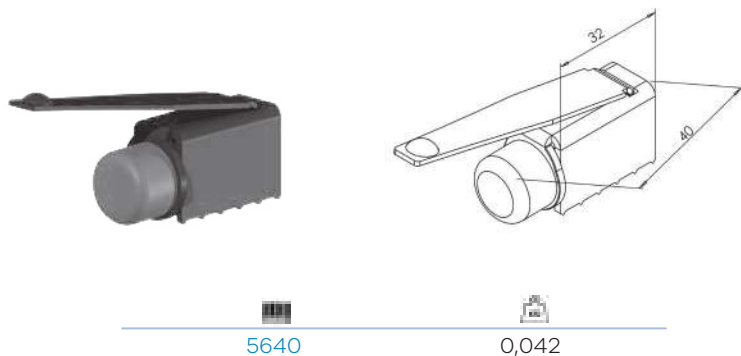


Aplicación
Para puertas correderas. La roldana se fija a la puerta mediante el uso de un tornillo cabeza de martillo y desliza sobre perfil corredera Cod. 5016.

Application
For the assembly of sliding doors. Once fixed to the door frame with a T-head bolt, suspensory roller slides across the sliding profile Cod. 5016.



Tope roldana perfil corredera **Acero zincado**
Sliding door stopper **Zinc plated steel**



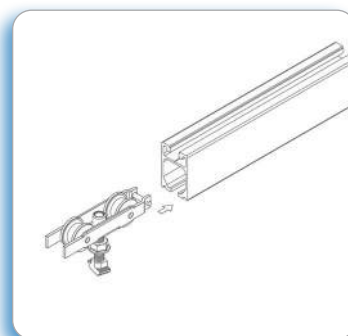
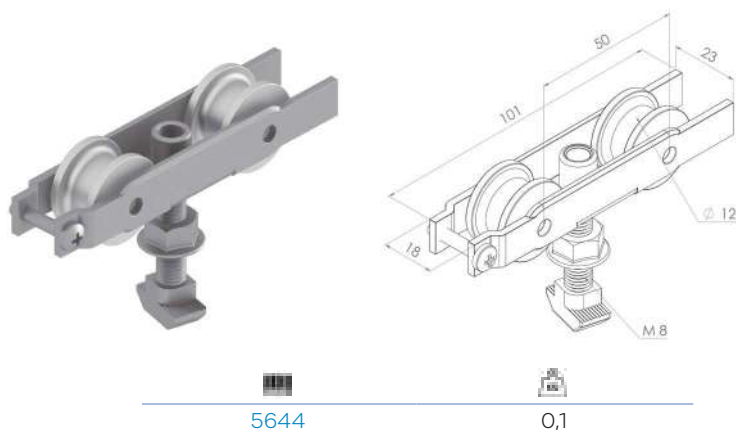
Aplicación

Para evitar que la puerta corredera se salga del perfil. Ajustar el retenedor mediante el tornillo.

Application

To prevent sliding door falling from the profile. Stopper can be adjusted using the screw.

Carro para puerta corredera **Acero zincado / Nylon**
Roller top track **Zinc plated steel / Nylon**



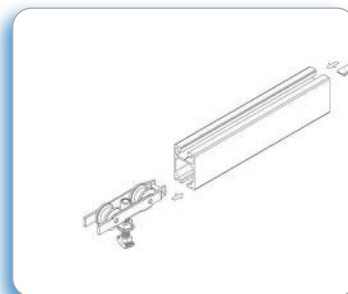
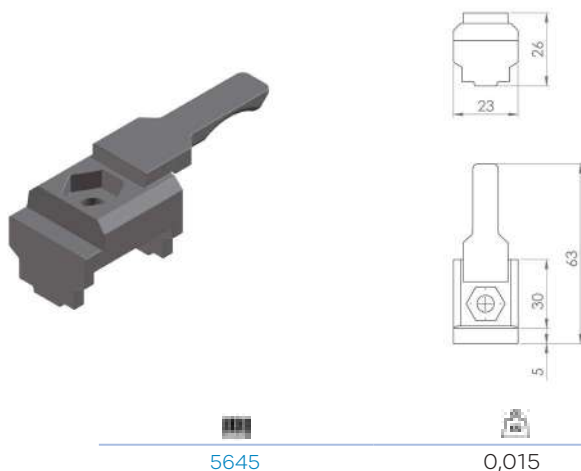
Aplicación

Para puertas correderas. El carro se fija a la puerta mediante el uso de un tornillo y desliza sobre perfil corredera Cod. 5016.

Application

For the assembly of sliding doors. Once fixed to the door frame with a bolt, top track slides across the sliding profile Cod. 5016.

Freno para carro puerta corredera **Poliamida reforzada**
Stop roller top track **Fibreglass reinforced nylon**



Aplicación

Para evitar que la puerta corredera se salga del perfil.

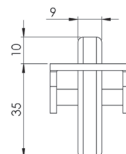
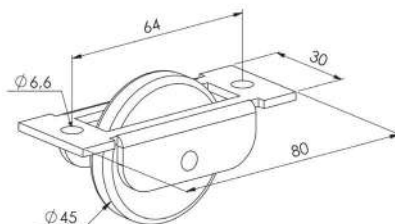
Application

To prevent sliding door falling from the profile.



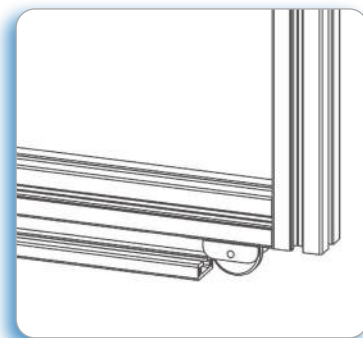
Rodabloc 45 **Acero zincado**

Roller 45 **Zinc plated steel**



5643

0,081



Aplicación

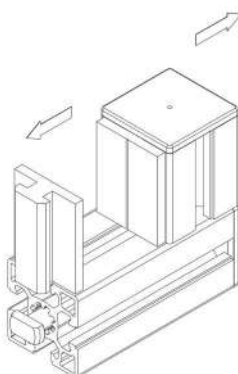
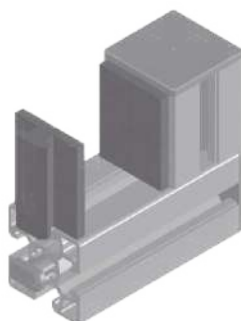
Para la construcción de puertas correderas.
Rueda de nylon 45 con rodamiento 608 insertado.

Application

For the assembly of sliding profiles.
Nylon wheel with roller 608.

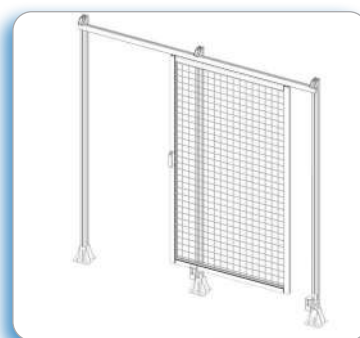
Guia inferior puerta corredera

Sliding door guide



5642

0,442



Aplicación

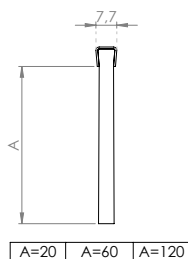
Para guiar la puerta corredera durante su apertura o cierre evitando oscilamientos.

Application

To prevent sliding door from moving during opening or closure.

Perfil Cepillo **Acero zincado**

Brush profile **Zinc plated steel**



A=20 A=60 A=120



565120

A

20 mm



0,50

565160

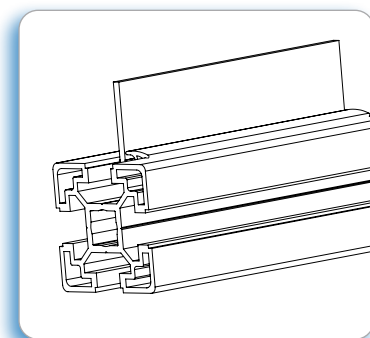
60 mm

0,60

5651120

120 mm

0,80



Aplicación

Perfil para la protección de las partes bajas de las puertas. Compatible con goma en cuña para su ajuste en canal 10, ref. 5103

Application

Profile for the protection of the lower parts of doors.



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PERFILES PLÁSTICOS

PLASTIC PROFILES



Tapacanal rígido **Material termoplástico / Aluminio**

Groove cover profile **Plastic / Aluminium**



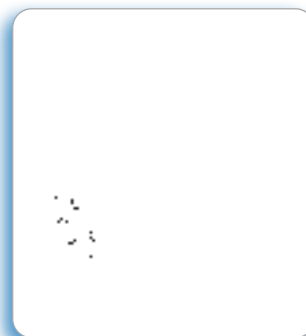
		Color / material		
50951	6 m	Aluminio/ Aluminium	40/45/50/60/80/90	0,13
5101-BLCK	3 m	Negro/Black	40/45/50/60/80/90	0,13
5101-GRY	3 m	Gris/Grey	40/45/50/60/80/90	0,13
5101-BLU	3 m	Azul/Blue	40/45/50/60/80/90	0,13
5101-RED	3 m	Rojo/Red	40/45/50/60/80/90	0,13
5101-YLL	3 m	Amarillo/Yellow	40/45/50/60/80/90	0,13
5101-WHT	3 m	Blanco/White	40/45/50/60/80/90	0,13
5101-CLR	3 m	Transparente/Clear	40/45/50/60/80/90	0,13
510135	3 m	Negro/Black	35	0,13
510130-BLCK	3 m	Negro/Black	30	0,13
510130-GRY	3 m	Gris / Grey	30	0,13
510125	3 m	Negro/Black	25	0,13

18 mm

16

14 mm

12 mm



Aplicación

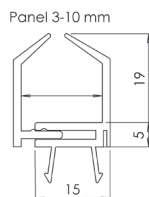
Para el recubrimiento de los canales de los perfiles de aluminio. Se recomienda su uso para evitar la acumulación de partículas o para mantener los cables en los canales del perfil.

Application

For the covering of profile slots. Recommended to avoid accumulation of particles or to keep cables inside profile slots.

Juego junquillo de panelar **Material termoplástico, doble dureza. Color negro**

Clamping profile set **Double hardness plastic, black**

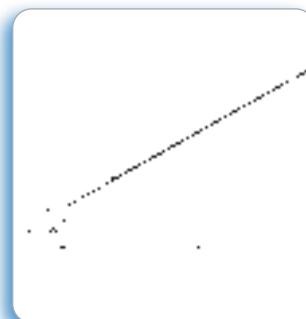


5106	3 m	40/45/60/80/90		0,18
510635	3 m	35		0,17
510630	3 m	30		0,15

18 mm

16

14 mm



Aplicación

Permite la fijación de paneles en las estructuras de aluminio con posterioridad a que éstas hayan sido montadas. Indicado para paneles de espesor: 4-8 mm.

Application

Enables the fixing of panels subsequent to the assembly of the aluminium structure.

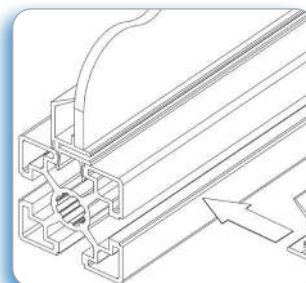
Juego junquillo de panelar con pestaña **Material termoplástico, doble dureza.**

Clamping profile set with stud **Double hardness plastic, black**



5106P	3 m	40/45/60/80/90		0,18

18 mm



Aplicación

Permite la fijación de paneles en las estructuras de aluminio con posterioridad a que estas hayan sido montadas. Indicado para paneles de espesor: 3-4 mm.

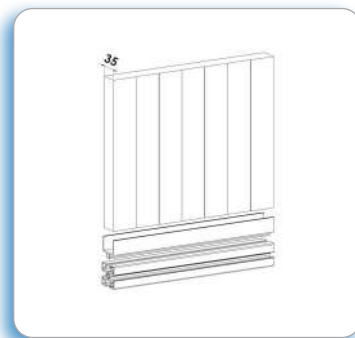
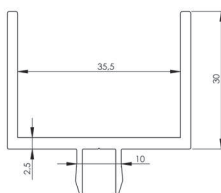
Application

Enables the fixing of panels subsequent to the assembly of the aluminium structure.



Perfil para panelar 35 mm **PVC negro**

Panel profile 35 mm **PVC black**



Aplicación

Permite la fijación de paneles de espesor 35 mm.

Application

Enables the fixing of panels 35 mm thick.



Canal
10

Panel
e = 35 mm



Tirasoporte **Material termoplástico. Color negro**

Shelf support profile **Plastic, black**



Aplicación

Permite la colocación de baldas. Introducir el tirasoporte en el canal del perfil y apoyar la balda.

Application

For fixing shelves to profiles. Introduce the shelf support profile in the aluminium profile slot and place the shelf.



5114



3 m



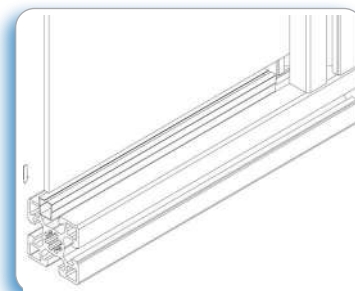
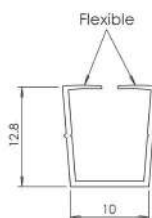
30



0,06

Perfil para ribetear, doble dureza **PVC/goma**

Double hardness edge profile **PVC/rubber**



Aplicación

Permite la fijación de paneles de distinto espesor directamente en el canal del perfil. Válido para paneles de espesor desde 1,5 - 6mm. Los labios de goma flexible hacen posible su uso con paneles de distinto espesor.

Application

For covering the profile groove and holding panel elements. The flexible rubber lips make possible the use of different panel thickness.



51102



3 m



35/40/45/50/60/80/90

Col.

Negro/Black

Panel

e = 1,5 - 6 mm



0,045

51102-GRY

3 m

35/40/45/50/60/80/90

Gris/Grey

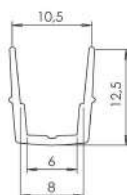
e = 1,5 - 6 mm

0,045



Perfil reductor: 8-6 mm **Material termoplástico. Color negro**

Slot reducer profile: 8-6 mm **Plastic, black**



 5110

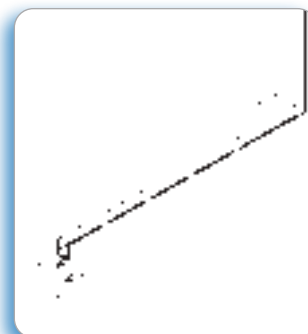
 3 m

 35/40/45/50/60/80/90

 0,06

 180

 36



Aplicación

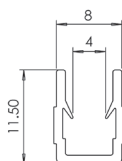
Permite la fijación de rejillas de protección y paneles de espesor 6 y 8 mm en el canal del perfil.

Application

For fixing protection grills and panels inside the profile slot. Panel thickness: 6-8 mm.

Perfil reductor: 8-4 mm **Material termoplástico. Color negro**

Slot reducer profile: 8-4 mm **Plastic, black**



 51101

 3 m

 30

 0,06

 180



Aplicación

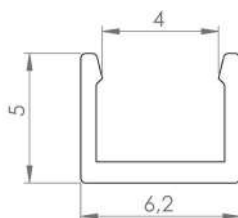
Permite la fijación de rejillas de protección y paneles en el canal del perfil. De uso para la fijación de rejillas de protección o paneles de espesor: 4 mm.

Application

For fixing protection grills and panels inside the profile slot. Panel thickness: 4 mm.

Perfil rígido en U PVC **plastico transparente**

U profile PVC **Plastic, transparent**



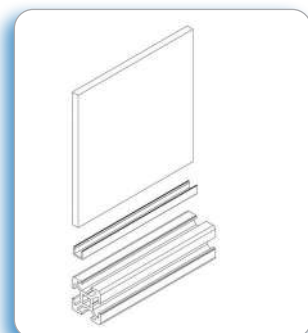
 510231

 Canal P. 20x20

 Panel e=4 mm

 0,1

 180



Aplicación

Permite la fijación de paneles directamente en el canal del perfil. De uso para colocación de paneles de espesor 4 mm.

Application

For assembling panels inside the profile slot with a thickness of 4 mm.



Goma en cuña, ajuste paneles **Color negro**

Plug-in seal **Rubber, black**



13 14

15 16



Aplicación

Permite la fijación de paneles directamente en el canal del perfil. De uso en montajes que requieran estanqueidad.

Application

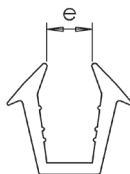
For Assembling panels inside the profile slot. To be used in constructions that require imperviousness.

	Canal	Panel	
51036	10	e = 8 mm	0,1
5103	10	e = 6 mm	0,1
51037	10	e = 4 - 5 mm	0,1
51033	10	e = 3 mm	0,1
51038	10	e = 1 - 2 mm	0,1

	Canal	Panel	
51039	8	e = 6 mm	0,1
51031	8	e = 5 mm	0,1
51040	8	e = 3 - 4 mm	0,1
51034	8	e = 1 - 2 mm	0,1
51030	6	e = 3 mm	0,1

Goma en U, ajuste paneles **Color negro**

U-seal **Rubber, black**



17 18

19 20



Aplicación

Permite la fijación de paneles directamente en el canal del perfil. De uso en montajes que requieran estanqueidad en ambos lados.

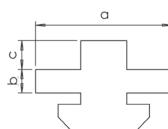
Application

For Assembling panels inside the profile slot. To be used in constructions that require imperviousness from both sides.

	Canal	Panel	
5102	40/45/50/60/80/90	e = 4 - 6 mm	0,13

Perfil deslizante guía **Poliétileno, negro**

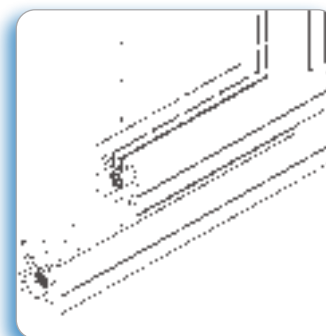
Guiding slide profile **Polyethylen, black**



21 22

23 24

25 26



Aplicación

Para el guiado de puertas correderas y de otras construcciones que requieran desplazamientos longitudinales.

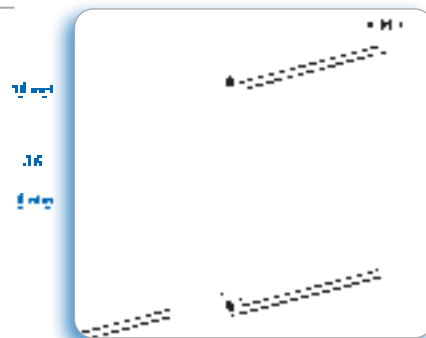
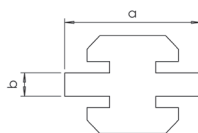
Application

As guiding profile, for linear sliding of doors and other constructions.

				a	b	c
5113	3 m	40/45/50/60/80/90	0,44	39	5	10,5
511335	3 m	35	0,30	29	5	6
511330	3 m	30	0,20	24	3	7



Perfil deslizante doble **Polietileno, negro**
Double slide profile **Polyethylen, black**



Aplicación

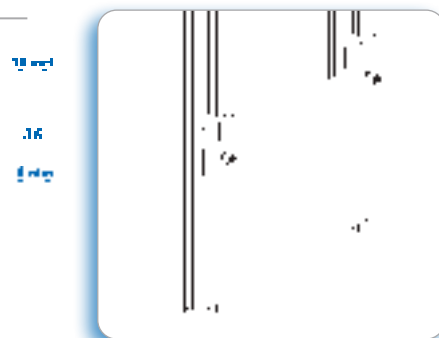
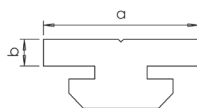
Para el guiado de puertas correizas y de otras construcciones que requieran desplazamientos longitudinales.

Application

Enables linear sliding of profiles. It can be used for leverage doors and other structures.

				a	b
5108	3 m	40/45/50/60/80/90	0,50	39	5
510835	3 m	35	0,38	29	5
510830	3 m	30	0,24	24	3

Perfil deslizante **Polietileno, negro**
Slide profile **Polyethylen, black**



Aplicación

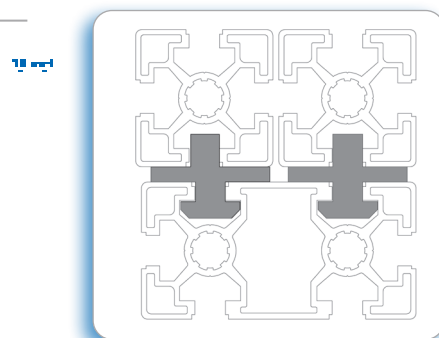
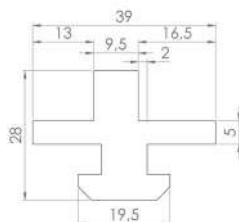
Permite la construcción de elementos de corredera; de uso en puertas levadizas, bandejas móviles, etc.

Application

Enables linear sliding of structures. It can be used for leverage doors, trays,...

				a	b
5107	3 m	40/45/50/60/80/90	0,35	39	5
510735	3 m	35	0,26	29	5
510730	3 m	30	0,16	24	3

Perfil deslizante guía desplazado **Polietileno, negro**
Guiding slide displaced profile **Polyethylen, black**



Aplicación

Para el guiado de puertas correderas y de otras construcciones que requieran desplazamientos longitudinales.

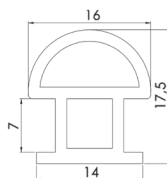
Application

As guiding profile, for linear sliding of doors and other constructions.

				
51131	3 m	40/45/50/60/80/90	0,44	



Goma cierre puertas **PVC. negro**
Closing door rubber **Rubber, black**

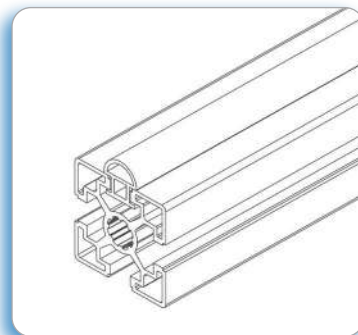


5116



0,14

11



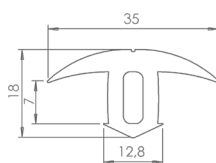
Aplicación

Permite la estanqueidad de puertas y marcos.

Application

Allows sealing doors and frames.

Perfil de estanqueidad o tope **PVC. Color negro**
Protection & end profile **Rubber, black**



5111

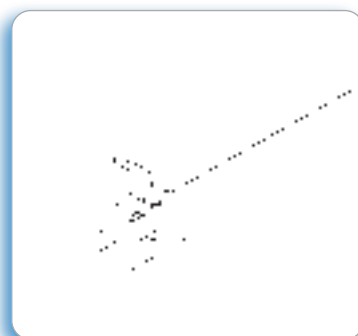


40/45/50/60/80/90



0,35

43



Aplicación

Permite apoyar sobre los perfiles, tableros o cristales evitando que éstos se rayen o deterioren. También sirve como tope entre perfiles.

Application

Offers protection against surface damage of the supported panel or glass. It can also be used as a protective profile.

Perfil de estanqueidad o tope **PVC. Color negro**
Protection & end profile **Rubber, black**



5112

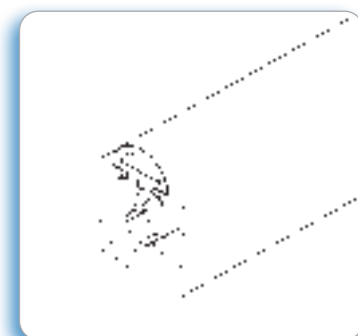


35



0,28

36



Aplicación

Permite la estanqueidad de puertas y marcos.

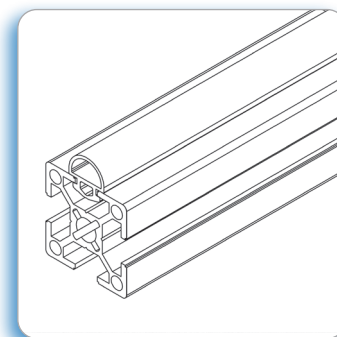
Application

Offers protection against surface damage of the supported panel or glass. It can also be used as a protective profile.



Perfil de estanqueidad o tope **PVC**
Protection & end profile **Rubber black**

30

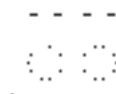


Aplicación
Permite la estanqueidad de puertas y marcos.

Application
Allows sealing doors and frames.



Perfil redondo corredera **Material termoplástico, color negro**
Sliding door round profile **Plastic, black**



Aplicación
Como suplemento en la base del perfil corredera.

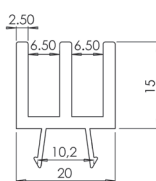
Application
As supplement inside sliding door profile.



Perfil corredera doble **Material termoplástico. Color negro**
Sliding double door profile **Plastic, black**

18

.16



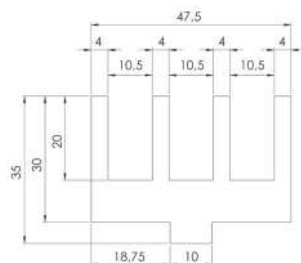
Aplicación
Para el guiado de puertas correderas y de otras construcciones que requieran desplazamientos longitudinales.

Application
As guiding profile, for linear sliding of doors and other constructions.

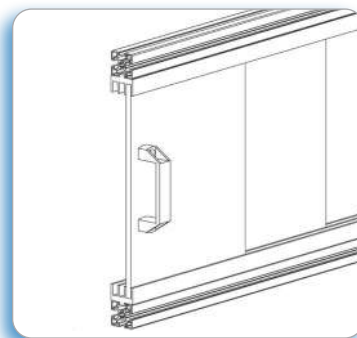
5104	3 m	40/45/50/60/80/90	0,18
510435	3 m	35	0,17



Perfil corredera triple **Polietileno, Color negro**
Sliding door profile **Polyethylene, black**



11



Aplicación

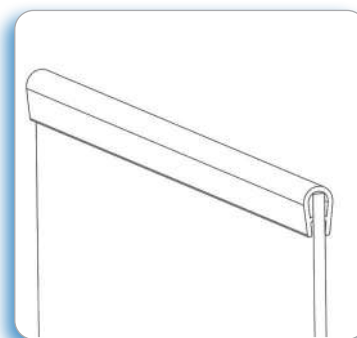
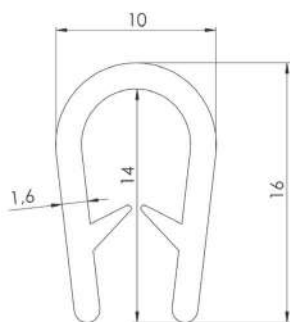
Permite el montaje de tres puertas correderas en paralelo.
Espesor máximo de paneles: 10 mm.

Application

Suitable for three parallel sliding doors.
Maximum thickness of panels: 10 mm.

51042 3 m 40/45/50/60/80/90 0,85

Goma anticorte **Negro**
Anti cutting rubber **Black**



Aplicación

Para revestir el borde de los paneles y rejillas evitando posibles cortes.

Application

To recover the border of panels and grids preventing from cutting.

5117 0,15

PERFILES DE ALUMINIO

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ALUMINIUM PROFILES

Serie, canal 6 mm

Serie, 6 mm slot



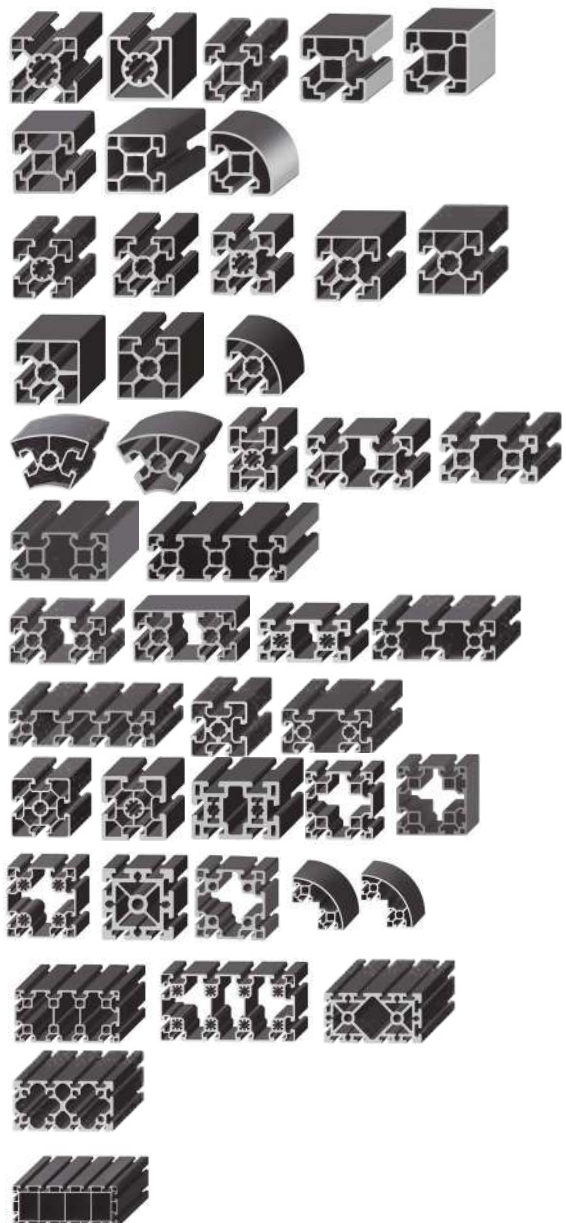
Serie, canal 8 mm

Serie, 8 mm slot



Serie, canal 10 mm

Serie, 10 mm slot



Series especiales

Special series



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PERFILES DE ALUMINIO

ALUMINIUM PROFILES



Datos técnicos Aluminio anodizado color natural

Technical data Aluminium natural anodized

Longitud estándar Standard length	6 m.	Límite elástico Tensile strength	200 N/mm ²
Aleación Alloy	Al Mg Si 0,5 F25 (6060/6063)	Módulo de elasticidad transversal Elasticity module E	aprox. 70000 N/mm ²
Densidad Density	2,7 gr/cm ³	Dureza Brinell Hardness	75 HB
Espesor anodizado Anod. layer thickness	15 µm	Coefficiente de dilatación Coefficient of dilation	23,8 · 10 ⁻⁶ · K ⁻¹
Dureza anodizado Anod. layer hardness	250-350 HV	Punto de tensión Ductile yield	A5 > 10% - A10 > 8%

Cálculo de la flexión del perfil

Determination of profile deflection

Descripción

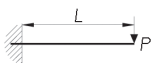
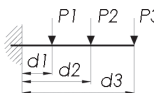
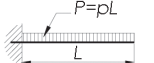
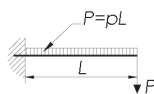
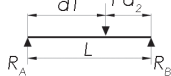
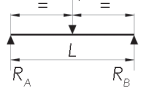
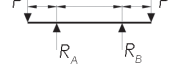
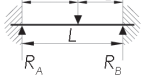
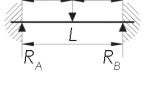
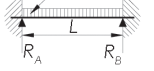
f = flexión (m)
 P = Carga (N)
 L = Longitud perfil (m)
 E = Módulo de elasticidad
 $E_{AL} = 7 \cdot 10^8$ N/dm²
 I = Momento inercia (cm⁴)

Description

f = deflection (m)
 P = Load (N)
 L = Free profile length (m)
 E = Modulus of elasticity
 $E_{AL} = 7 \cdot 10^8$ N/dm²
 I = Momet of inertia (cm⁴)

Carga Load

Fórmula Formula

	$f_{\max} = \frac{PL^3}{3EI}$
	$f_{\max} = F_1 + F_2 + F_3 + \dots$
	$f_{\max} = \frac{PL^3}{8EI}$
	$f_{\max} = \frac{PL^3}{8EI} + \frac{PL^4}{3EI}$
	$f_{\max} = \frac{P(d_1d_2)^2}{3LEI}$
	$f_{\max} = \frac{PL^3}{48EI}$
	$f_{\max} = \frac{PdL^2}{8EI}$
	$f_{\max} = \frac{P(d_1d_2)^3}{3EI(d_2+3d_1)^2}$
	$f_{\max} = \frac{PL^3}{192EI}$
	$f_{\max} = \frac{PL^3}{384EI}$



Cálculo de la flexión del perfil

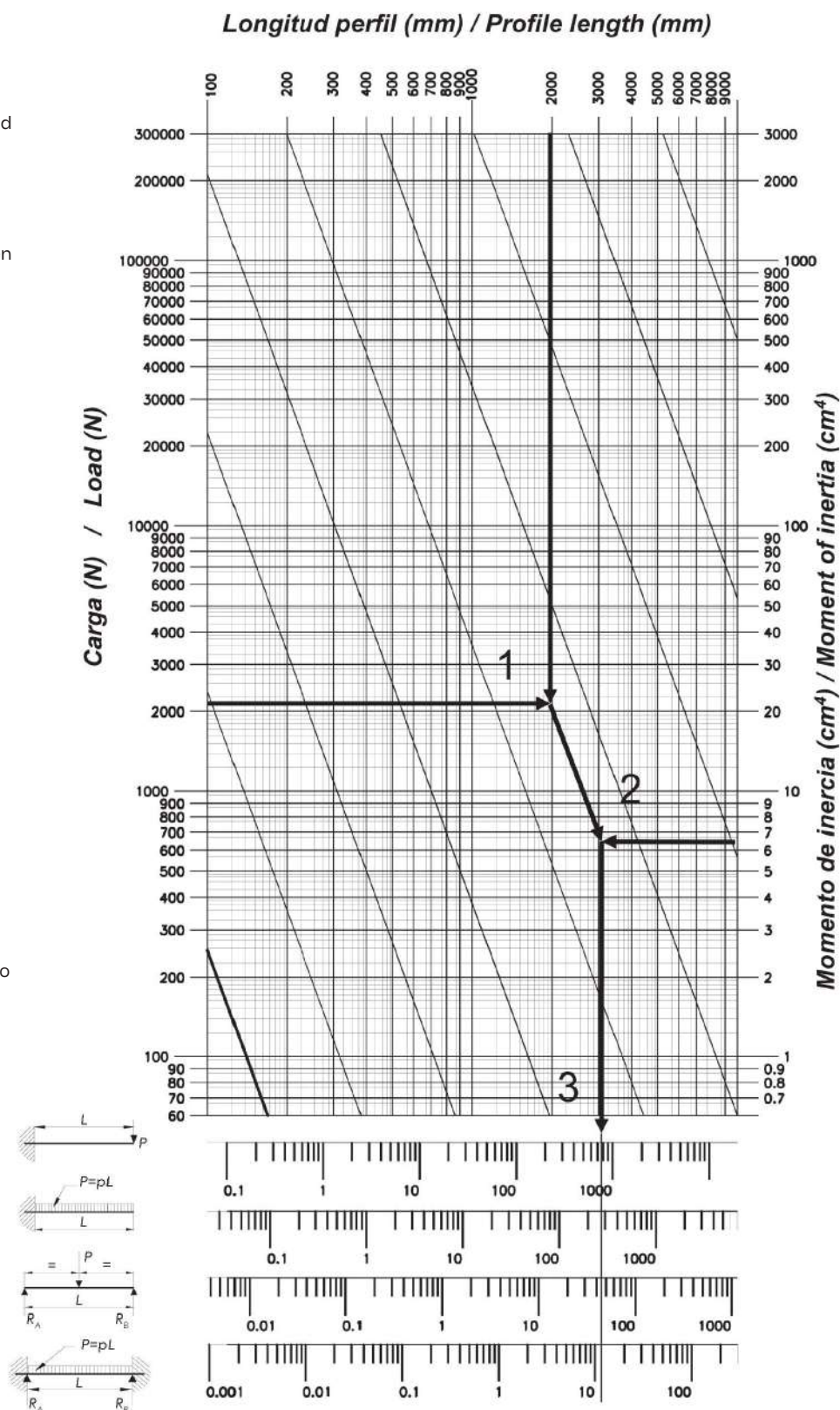
Determination of profile deflection

Cómo calcular la flexión:

1. Determinación del punto de intersección entre la carga y la longitud del perfil.
2. Cruce entre la coordenada del momento de inercia del perfil seleccionado con el desplazamiento en diagonal del punto 1.
3. Determinación de la flexión realizando una línea vertical desde el punto dos hasta la distribución de cargas seleccionada.

Calculating deflection:

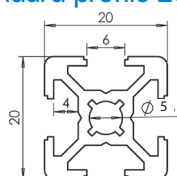
1. Determination of intersection point between load and profile length.
2. Crossing between the diagonal of point 1 with the moment of inertia of selected profile coordinate.
3. Determination of profile deflection extending a vertical line from point 2 to the selected load distribution formula.





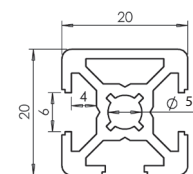
Serie, canal 6 mm Serie, 6 mm slot

Perfil estándar 20x20 Standard profile 20x20



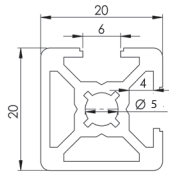
		lx cm4	ly cm4	Wx cm3	Wy cm3
		5049	0,44	0,66	0,66

Perfil 20x20 3S Profile 20x20 3S



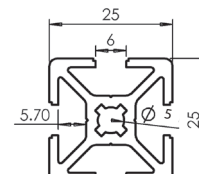
		lx cm4	ly cm4	Wx cm3	Wy cm3
		5048	0,46	0,66	0,74

Perfil 20x20 2S 90° Profile 20x20 2S 90°



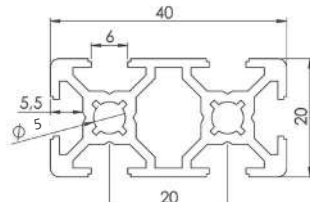
		lx cm4	ly cm4	Wx cm3	Wy cm3
		50492	0,5	0,66	0,66

Perfil estándar 25x25 Standard profile 25x25



		lx cm4	ly cm4	Wx cm3	Wy cm3
		5011	0,7	1,6	1,28

Perfil estándar 20x40 Standard profile 20x40

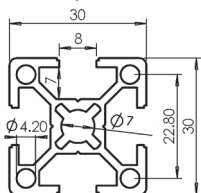


		lx cm4	ly cm4	Wx cm3	Wy cm3
		50491	0,8	1,2	4,6



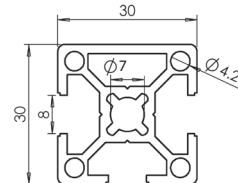
Serie, canal 8 mm Serie, 8 mm slot

Perfil estándar 30x30 Standard profile 30x30



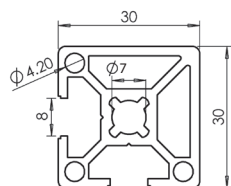
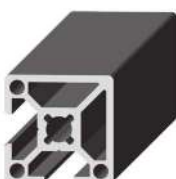
		lx cm4	ly cm4	Wx cm3	Wy cm3
5010	0,8	2,7	2,7	1,8	1,8

Perfil 30x30 3S Profile 30x30 3S



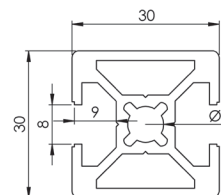
		lx cm4	ly cm4	Wx cm3	Wy cm3
5029	0,9	2,7	3,0	1,8	2,0

Perfil 30x30 2S 90° Profile 30x30 2S 90°



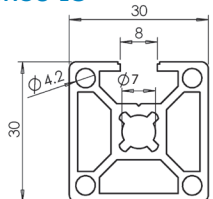
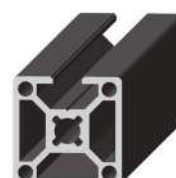
		lx cm4	ly cm4	Wx cm3	Wy cm3
5028	0,9	3,0	3,0	2,0	2,0

Perfil 30x30 2S 180° Profile 30x30 2S 180°



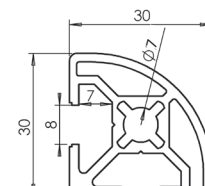
		lx cm4	ly cm4	Wx cm3	Wy cm3
5025	1	3,3	3,9	2,2	2,6

Perfil 30x30 1S Profile 30x30 1S



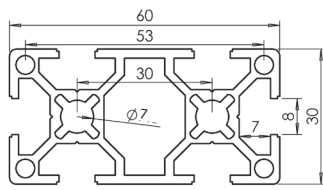
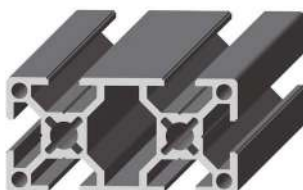
		lx cm4	ly cm4	Wx cm3	Wy cm3
5027	0,9	3,0	3,2	2,0	2,1

Perfil MC-30 MC-30 profile



		lx cm4	ly cm4	Wx cm3	Wy cm3
5017	0,8	2,3	2,3	1,4	1,4

Perfil estándar 30x60 Standard profile 30x60

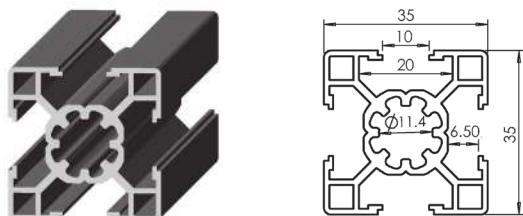


		lx cm4	ly cm4	Wx cm3	Wy cm3
5018	1,5	19,0	5,1	6,3	3,4



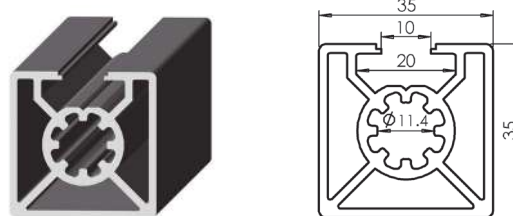
Serie, canal 10 mm Serie, 10 mm slot

Perfil estándar 35x35 Standard profile 35x35



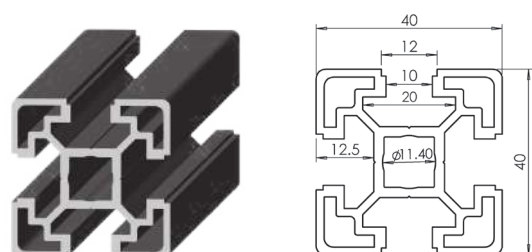
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5008	0,9	4,1	4,1	2,3	2,3

Perfil 35x35 1S Profile 35x35 1S



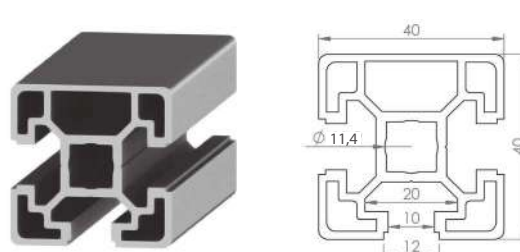
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
50081	1,2	5,3	5,7	3,0	3,2

Perfil estándar 40x40 Standard profile 40x40



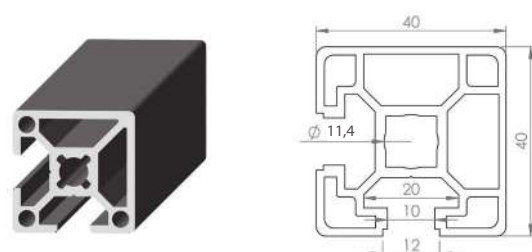
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5009	1,5	9	9	4,5	4,5

Perfil 40x40 3S Profile 40x40 3S



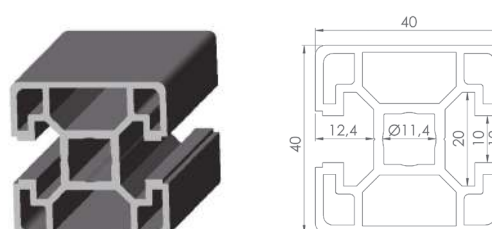
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
50093	1,5	9	9	4,5	4,5

Perfil 40x40 2S 90° Profile 40x40 2S 90°



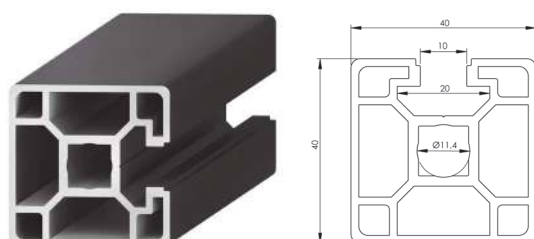
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
50092	1,5	9	9	4,5	4,5

Perfil 40x40 2S 180° Profile 40x40 2S 180°



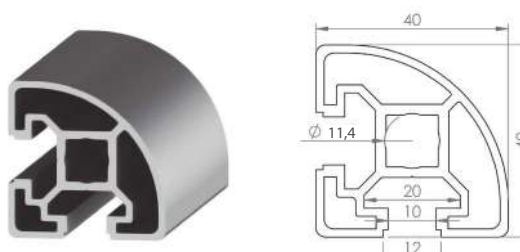
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
50094	1,5	9	9	4,5	4,5

Perfil 40x40 1S Profile 40x40 1S



		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
50095	1,5	9	9,2	4,5	4,6

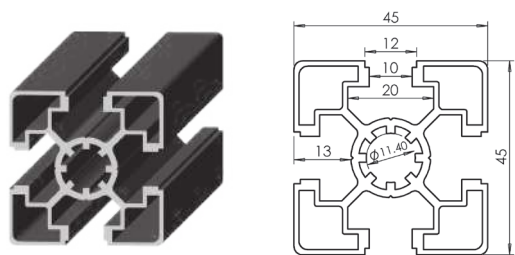
Perfil MC-40 Profile MC-40



		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
50091	1,4	9	9	4,5	4,5

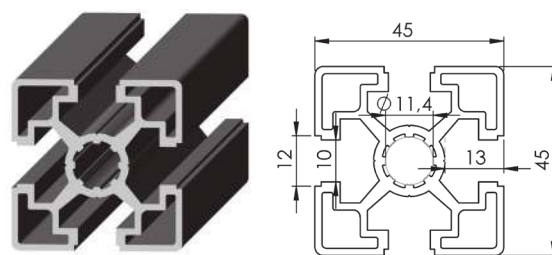


Perfil ligero 45x45 **Light profile 45x45**



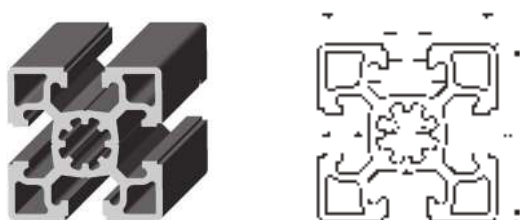
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5001	1,4	10,0	10,0	4,4	4,4

Perfil estándar 45x45 **Standard profile 45x45**



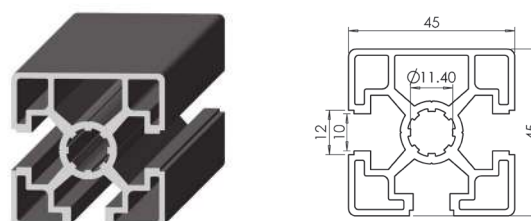
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5021	1,7	12,0	12,0	5,3	5,3

Perfil pesado 45x45 **Heavy profile 45x45**



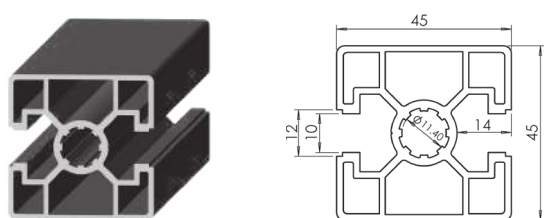
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5002	2,0	14,6	14,6	6,5	6,5

Perfil 45x45 3S **Profile 45x45 3S**



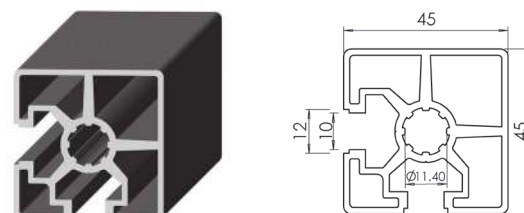
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5023	1,7	11,9	12,2	5,3	5,4

Perfil 45x45 2S 180° **Profile 45x45 2S 180°**



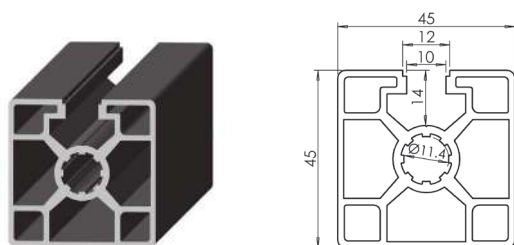
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5040	1,7	11,9	12,1	5,3	5,3

Perfil 45x45 2S 90° **Profile 45x45 2S 90°**



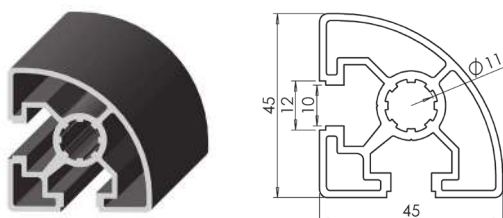
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5022	1,7	12,2	12,2	5,3	5,3

Perfil 45x45 1S **Profile 45x45 1S**



		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5043	1,7	12,0	12,1	5,3	5,3

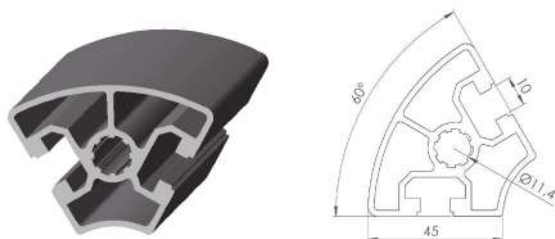
Perfil MC-45 **Profile MC-45**



		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5024	1,4	3,5	3,5	8,7	8,7

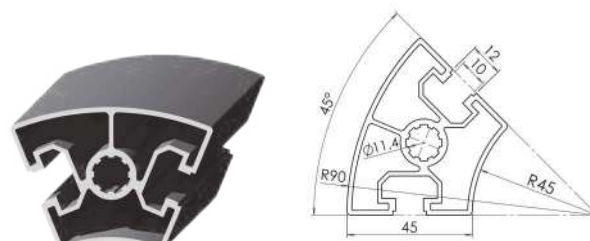


Perfil 45-60° **Profile 45x60°**



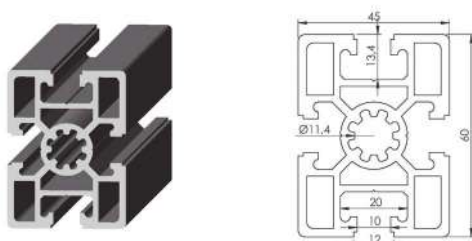
		lx cm4	ly cm4	Wx cm3	Wy cm3
50571	1,7	11,2	16,7	4,3	5,1

Perfil 45x45° **Profile 45x45°**



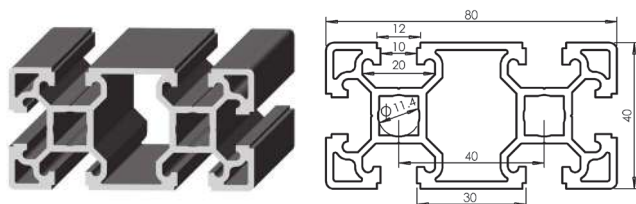
		lx cm4	ly cm4	Wx cm3	Wy cm3
5057	1,7	11,6	18,8	4,5	5,6

Perfil estándar 45x60 **Standard profile 45x60**



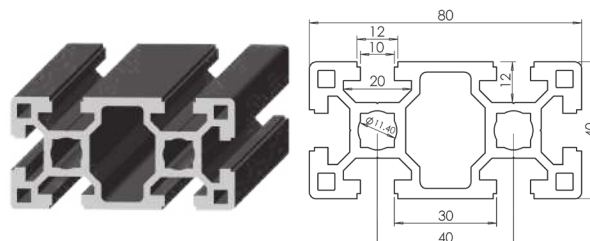
		lx cm4	ly cm4	Wx cm3	Wy cm3
5005	2,7	20,5	34,0	9,1	11,3

Perfil estándar 40x80 **Standard profile 40x80**



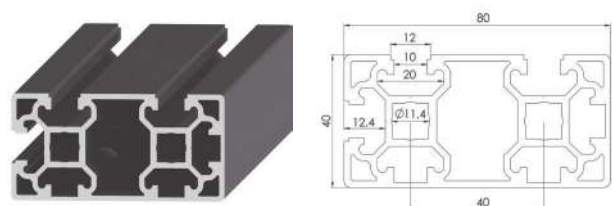
		lx cm4	ly cm4	Wx cm3	Wy cm3
5012	2,6	16,9	64,6	8,4	16,1

Perfil pesado 40x80 **Heavy profile 40x80**



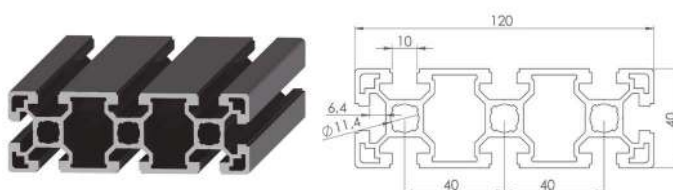
		lx cm4	ly cm4	Wx cm3	Wy cm3
5051	3,3	21,0	78,5	10,5	19,6

Perfil estándar 40x80 2S **Standard profile 40x80 2S**



		lx cm4	ly cm4	Wx cm3	Wy cm3
501290	2,8	18,3	68,9	9,1	17,3

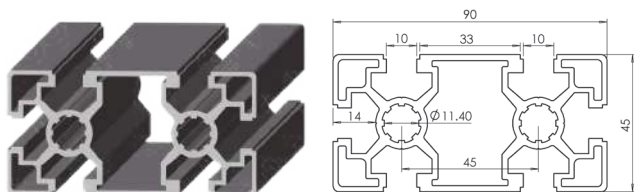
Perfil estándar 40x120 **Standard profile 40x120**



		lx cm4	ly cm4	Wx cm3	Wy cm3
5060	4,0	26,8	209,5	13,4	34,9

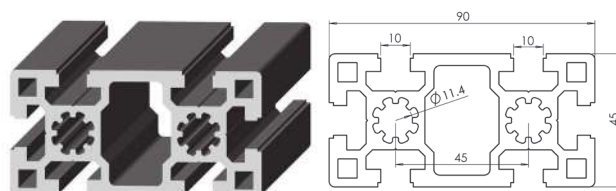


Perfil estándar 45x90 **Standard profile 45x90**



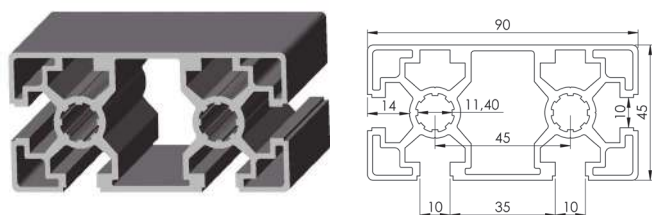
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5003	3,0	23,5	82,0	10,4	18,2

Perfil pesado 45x90 **Heavy Profile 45x90**



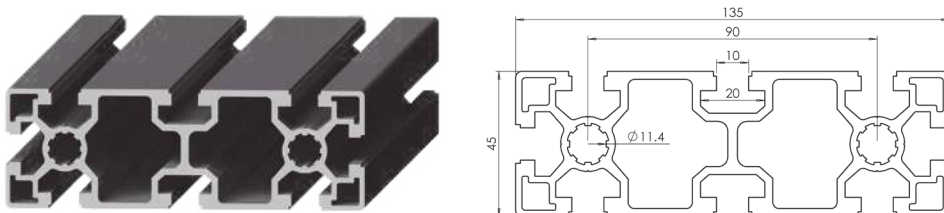
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5032	4,3	35,1	132,0	15,6	29,3

Perfil 45x90 3S **Profile 45x90 3S**



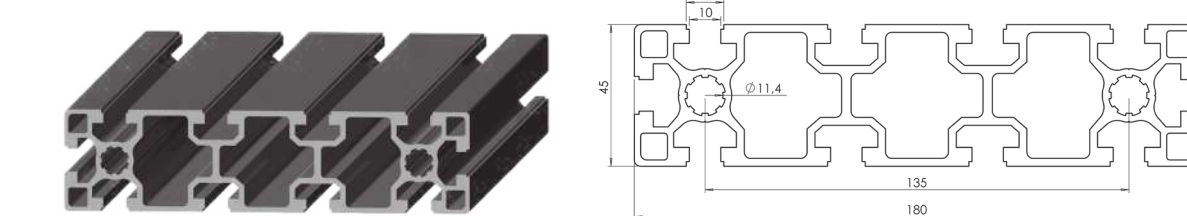
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
50031	3,1	23,5	82,0	10,4	18,2

Perfil 45x135 **Profile 45x135**



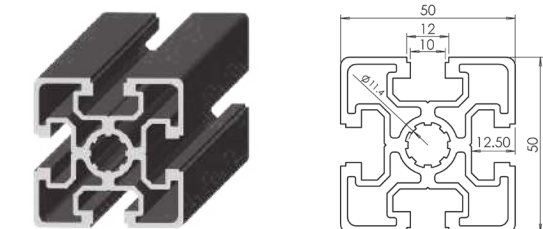
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5058	4,8	41,0	324,2	18,2	36,0

Perfil 45x180 **Profile 45x180**



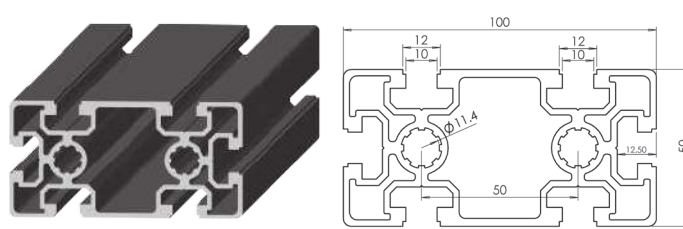
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5056	6,3	55,6	740,5	24,7	82,3

Perfil estándar 50x50 **Standard profile 50x50**



		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5053	2,3	19,7	19,7	7,9	7,9

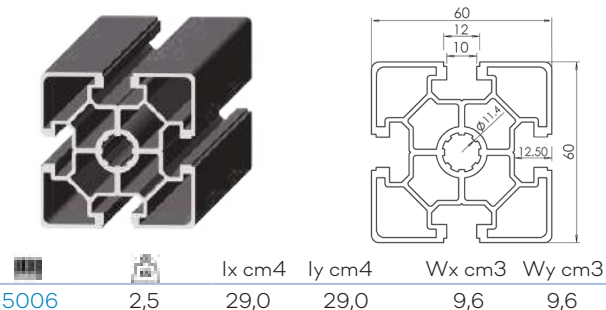
Perfil estándar 50x100 **Standard profile 50x100**



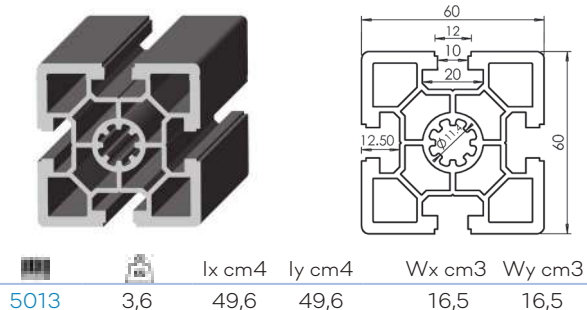
		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5054	4,0	39,8	152,6	16,0	30,5



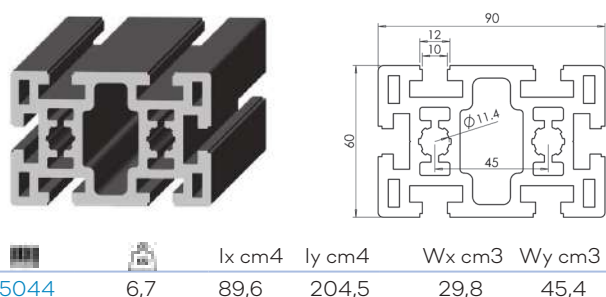
Perfil estándar 60x60 **Standard profile 60x60**



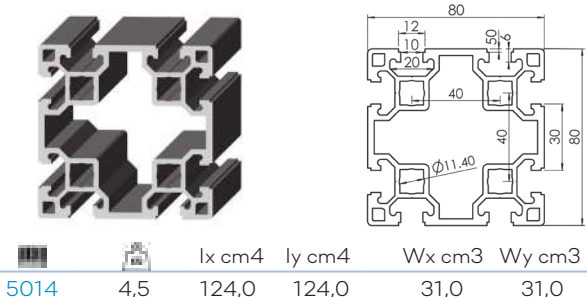
Perfil pesado 60x60 **Heavy profile 60x60**



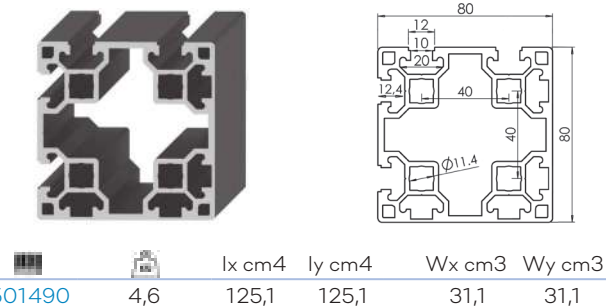
Perfil estándar 60x90 **Standard profile 60x90**



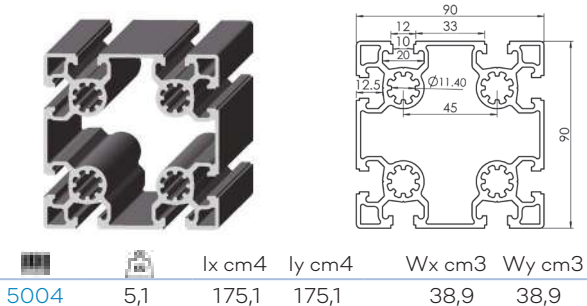
Perfil estándar 80x80 **Standard profile 80x80**



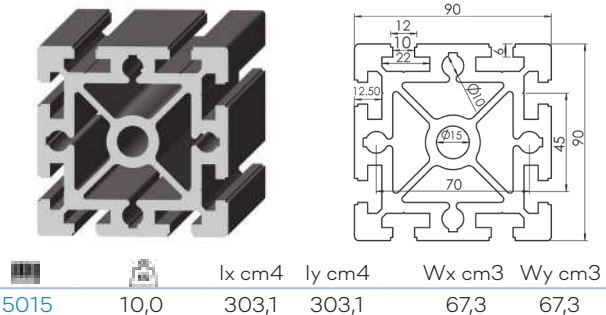
Perfil estándar 80x80 2S **Standard profile 80x80 2S**



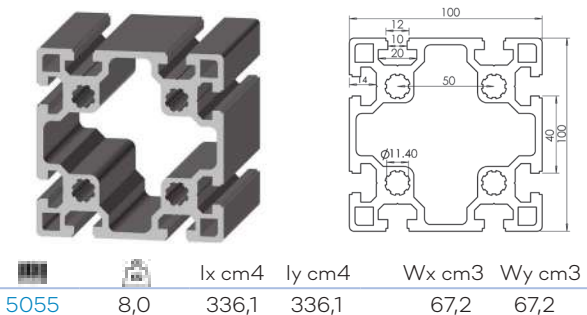
Perfil estándar 90x90 **Standard profile 90x90**



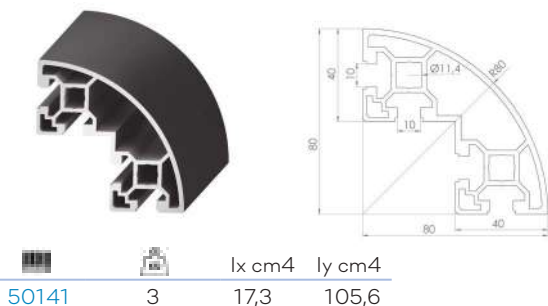
Perfil pesado 90x90 **Heavy profile 90x90**



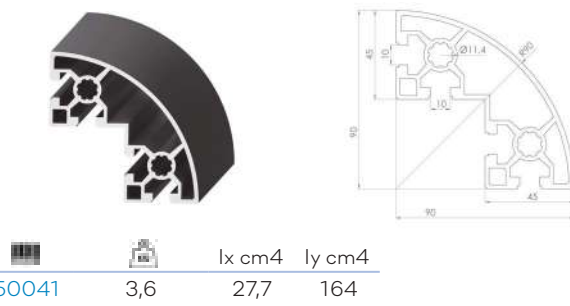
Perfil estándar 100x100 **Standard profile 100x100**



Perfil MC-80 **Profile MC-80**

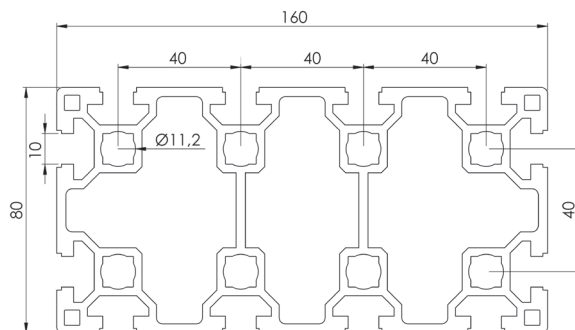
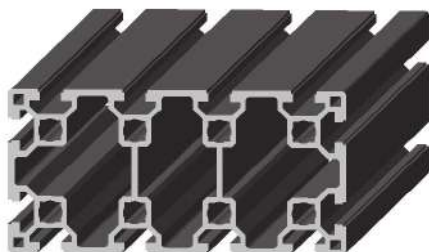


Perfil MC-90 **Profile MC-90**



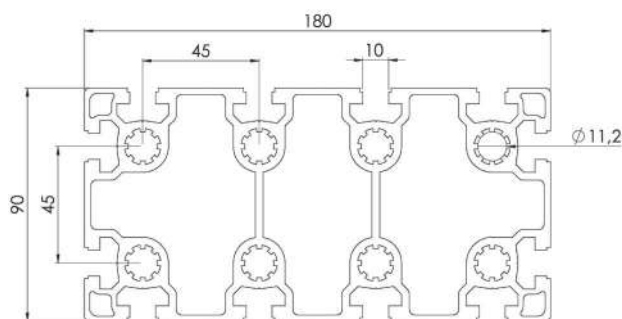


Perfil estándar 80x160 [Standard profile 80x160](#)



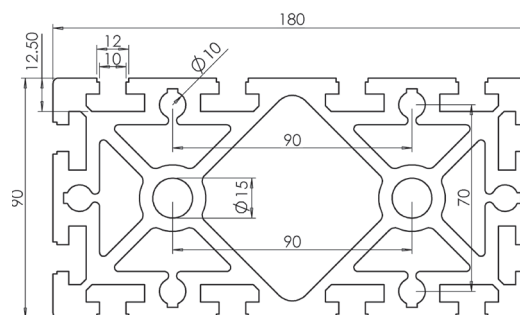
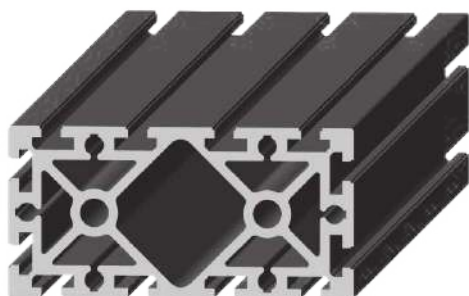
		lx cm4	ly cm4	Wx cm3	Wy cm3
5061	8,5	245,0	840,1	61,2	150,0

Perfil estándar 90x180 [Standard profile 90x180](#)



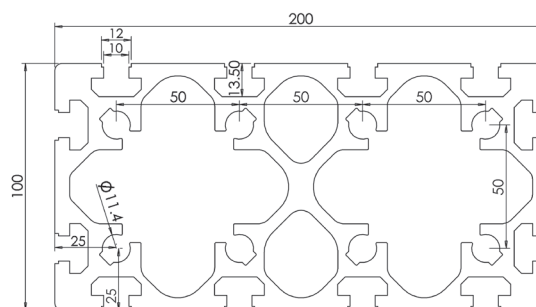
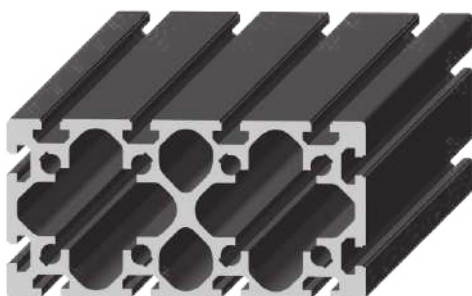
		lx cm4	ly cm4	Wx cm3	Wy cm3
5099	8,5	354,0	1198,0	78,6	133,1

Perfil pesado 90x180 [Heavy profile 90x180](#)



		lx cm4	ly cm4	Wx cm3	Wy cm3
5033	17,7	576,0	2194,0	128,0	243,7

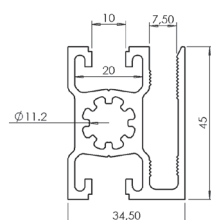
Perfil estándar 100x200 [Standard profile 100x200](#)



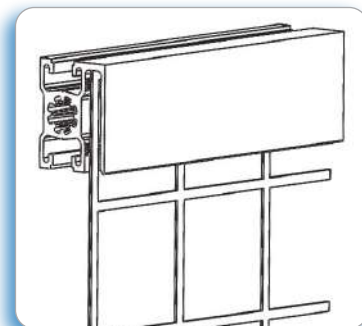
		lx cm4	ly cm4	Wx cm3	Wy cm3
5052	17,8	792,6	2725,5	158,6	272,5



Perfil perimetral protecciones Protection profile



		lx cm4	ly cm4	Wx cm3	Wy cm3
5007	1,35	5,8	9,4	3,36	4,17



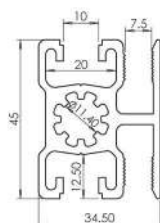
Aplicación

Para la fabricación de paneles de protección con rejilla. Se recomienda el uso de rejilla electrosoldada 40x40x4 o 50x50x4.

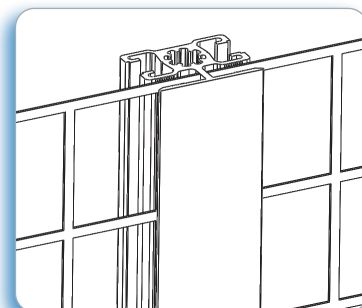
Application

For the manufacturing of protection panels with a grid. It is recommended to use electro-welded grid 40x40x4 or 50x50x4.

Perfil perimetral doble Double protection profile



		lx cm4	ly cm4	Wx cm3	Wy cm3
50071	1,40	6,6	8,3	3,80	3,70



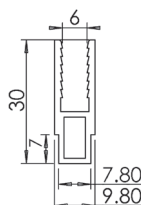
Aplicación

De uso como refuerzo intermedio en los paneles de protección con rejilla. Se recomienda el uso de rejilla electrosoldada 40x40x4 o 50x50x4.

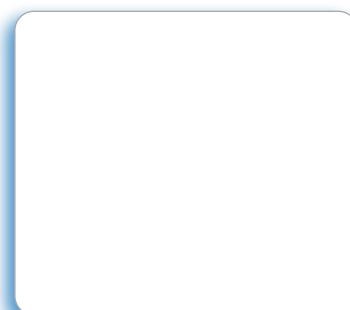
Application

To use as reinforcement in protection panels with a grid. It is recommended to use electro-welded grid 40x40x4 or 50x50x4.

Perfil en U U profile



5034	0,3



Aplicación

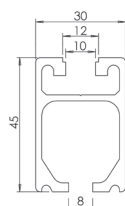
Perfil en U para fabricar protecciones ligeras. El perfil en U puede insertarse dentro de la ranura de otro perfil de canal 10 mm. Para las esquinas utilizar el ángulo código 5517.

Application

U-Profile for manufacturing lightweight protections. The U-profile can be inserted into the slot of another channel profile of 10 mm. For corners, use the angle with code 5517.

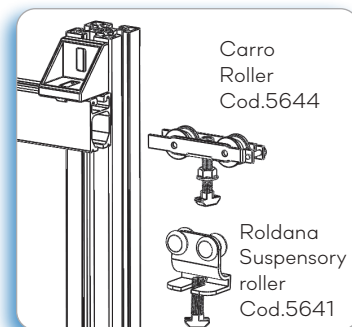


Perfil corredera 45x30 Sliding door profile 45x30



5016

1,1



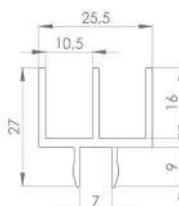
Aplicación

Para colocar puertas correderas suspendidas. Canal superior para fijación a la estructura. Tanto el carro como la roldana pueden deslizar por su interior.

Application

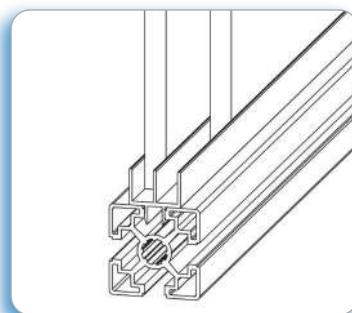
For installing suspended sliding doors. Upper channel for attachment to the structure. Both the roller and the suspensory roller can slide within it.

Perfil corredera doble Double sliding door profile



50162

0,5



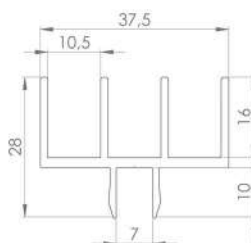
Aplicación

Permite el montaje de dos puertas correderas. Espesor máximo de paneles: 10 mm.

Application

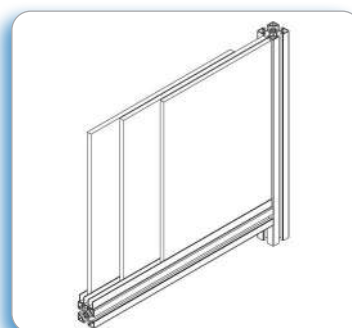
Suitable for two sliding doors. Maximum thickness of panels: 10 mm.

Perfil corredera triple Triple sliding door profile



50163

0,6



Aplicación

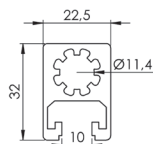
Permite el montaje de tres puertas correderas. Espesor máximo de paneles: 10 mm.

Application

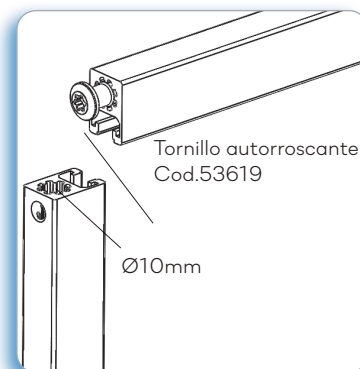
Suitable for three sliding doors. Maximum thickness of panels: 10 mm.



Perfil marco 22,5 x 32 mm **22,5 x 32mm Frame profile**



		lx cm4	ly cm4
50341	1	2,3	3,2



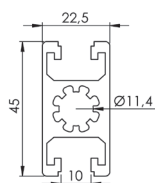
Aplicación

Para la fabricación de paneles ligeros con posibilidad de panelar en su canal interior.

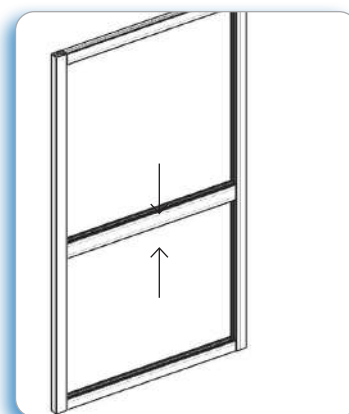
Application

For the manufacturing of lightweight panels with the possibility of paneling on their interior channel.

Perfil marco 22,5 x 45 mm **22,5 x 45mm frame profile**



		lx cm4	ly cm4
50342	1,2	6,8	2,9



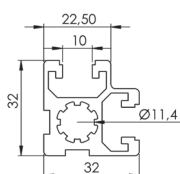
Aplicación

De uso como refuerzo intermedio en los paneles de protección ligeros.

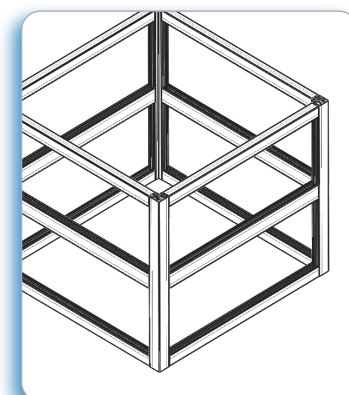
Application

Used as intermediate reinforcement in lightweight protection panels.

Perfil marco esquina 32 x 32 mm **32 x 32 mm frame profile**



		lx cm4	ly cm4
50343	1	3,8	4,1



Aplicación

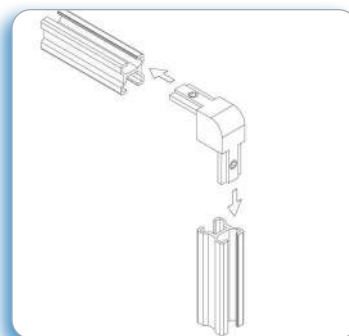
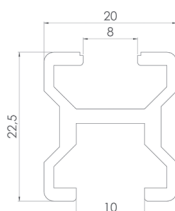
De uso para fabricación de estructuras ligeras. Combina con el perfil marco.

Application

For the manufacturing of lightweight structures, combined with frame profiles.

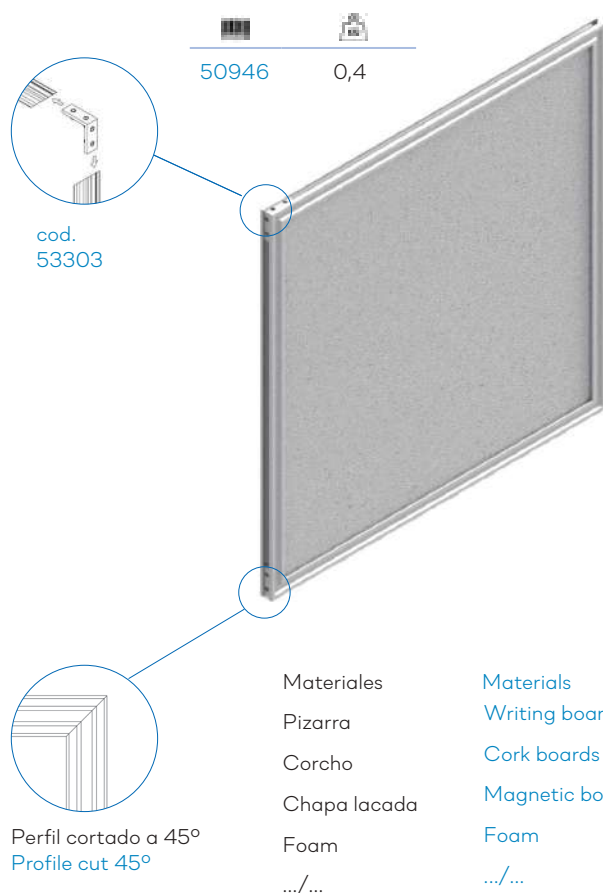


Perfil marco 20x22,5 **Frame Profile 20x22,5**



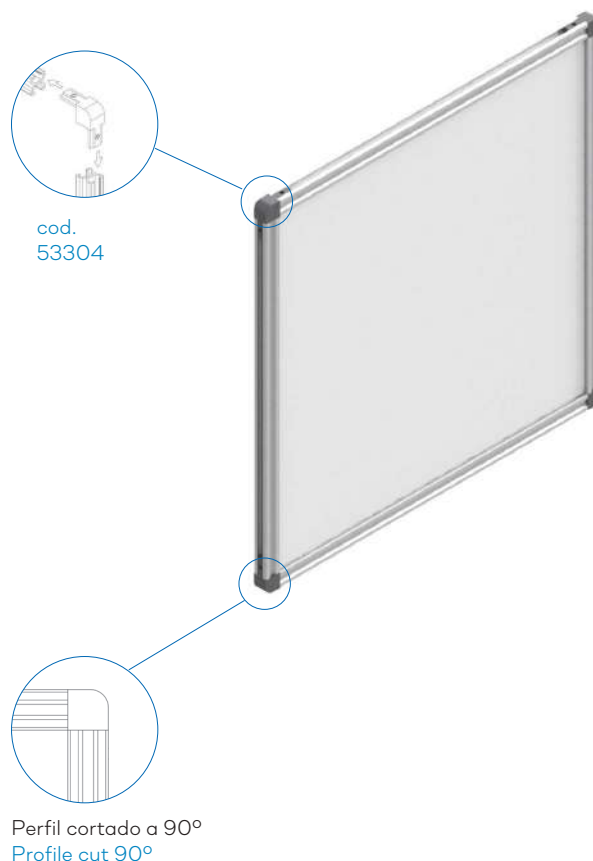
Aplicación
Para la fabricación de paneles y marcos.

Application
Used for panels and door frames.

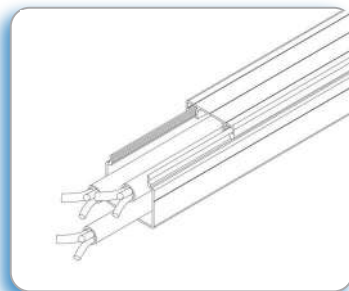
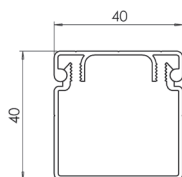


Materiales
Pizarra
Corcho
Chapa lacada
Foam
.../...

Materials
Writing boards
Cork boards
Magnetic boards
Foam
.../...



Perfil canaleta 40x40 **Conduit profile 40x40**



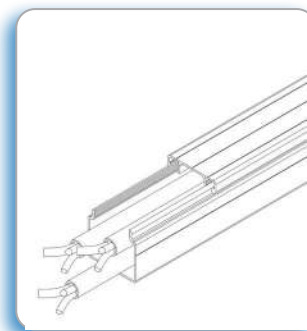
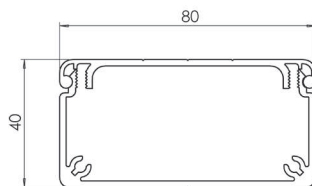
Aplicación
Para la conducción de cables en las estructuras. Base y tapa se comercializan por separado.

Application
For cable routing in structures. Base and cover are sold separately.

Perfil base / support	5030	0,4
Perfil tapa / cover	5031	0,3
Tapeta / end cover	5507	0,006



Perfil canaleta 40x80 Conduit profile 40x80



Perfil base / support	5046	0,9
Perfil Tapa / cover	5045	0,6
Tapeta / end cover	55071	0,025

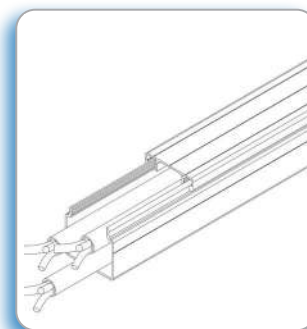
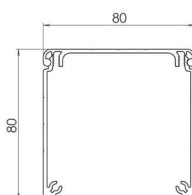
Aplicación

Para la conducción de cables en las estructuras. Base y tapa se comercializan por separado.

Application

For cable routing in structures. Base and cover are sold separately.

Perfil canaleta 80x80 Conduit profile 80x80



Perfil base / support	5047	1,4
Perfil tapa / cover	5045	0,6
Tapeta / end cover	55072	0,05

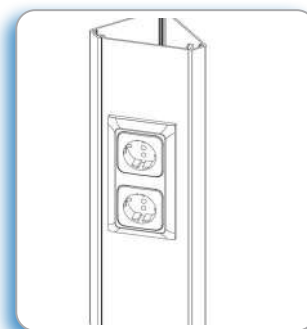
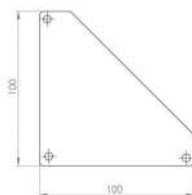
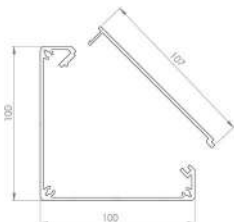
Aplicación

Para la conducción de cables en las estructuras. Base y tapa se comercializan por separado.

Application

For cable routing in structures. Base and cover are sold separately.

Perfil canaleta 100x100 Conduit profile 100x100



Perfil base / support	50471	1,7
Perfil tapa / cover	509951	0,7
Tapeta / end cover	55073	0,09

Aplicación

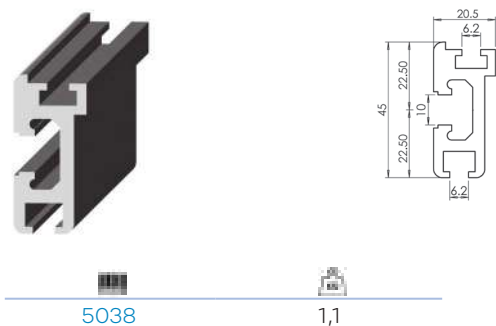
Para la conducción de cables en las estructuras. Base y tapa se comercializan por separado. Posibilidad de mecanizar a medida la tapa según necesidad del cliente.

Application

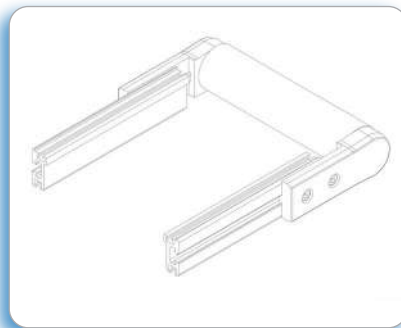
For cable routing in structures. Base and cover are sold separately. The cover can be custom machined according to the customer's needs.



Perfil transportador 45 **Conveyor profile 45**



	
5038	1,1



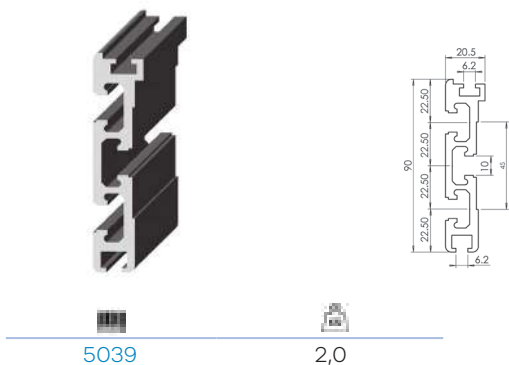
Aplicación

De uso como perfil bastidor lateral para la fabricación de cintas transportadoras.

Application

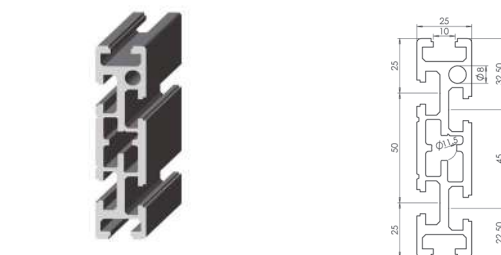
Used as a side frame profile for the manufacturing of conveyor belts.

Perfil transportador 90 **Conveyor profile 90**



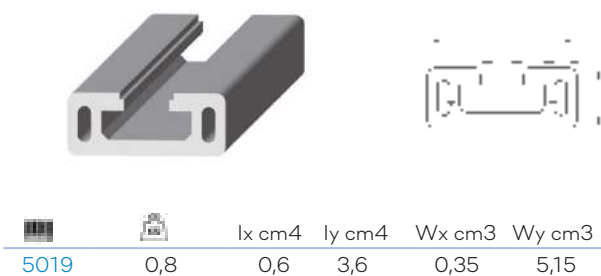
	
5039	2,0

Perfil transportador 100 **Conveyor profile 100**

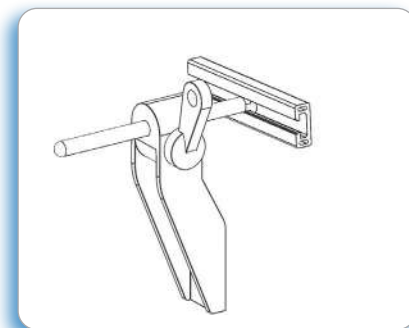


		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5020	2,9	7,4	91,7	5,9	18,4

Perfil guía transportador **Guiding conveyor profile**



		I_x cm ⁴	I_y cm ⁴	W_x cm ³	W_y cm ³
5019	0,8	0,6	3,6	0,35	5,15



Aplicación

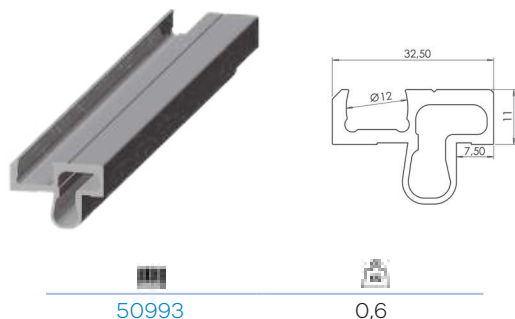
Como tope para el guiado lateral en los diferentes tipos de transportador.

Application

As a lateral guide stop for various types of conveyors.

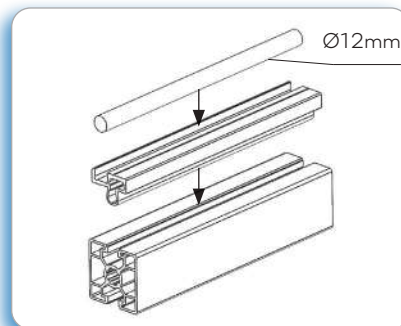


Perfil deslizamiento lineal **Sliding profile**



50993

0,6



Aplicación

De uso para el deslizamiento de diferentes elementos sobre una varilla de Ø12.

Application

Used for the sliding of different elements on a Ø12 rod.

Perfil 20x40 deslizamiento lineal **Sliding profile 20x40**



50994

0,85

$I_x \text{ cm}^4$

$I_y \text{ cm}^4$

$W_x \text{ cm}^3$

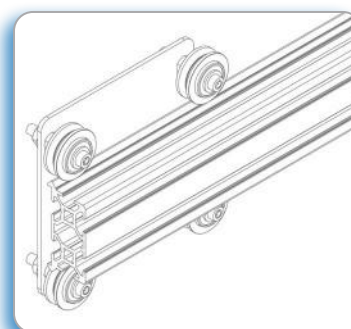
$W_y \text{ cm}^3$

1,2

4,6

1,4

2,5



Aplicación

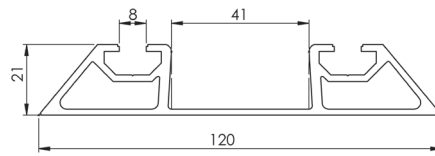
De uso para el deslizamiento de diferentes elementos utilizando sus extremos como guía, utilizando la rueda en V código 55342.

Application

Used for the sliding of different elements, using its ends as a guide, with the V-wheel with code 55342.



Perfil monorraíl suelo 40mm **Floor monorail profile**



Aplicación

De uso para el guiado y estacionamiento de carros. La anchura máxima de la rueda debe ser 40 mm.

Application

Used for guiding and parking carts. The maximum wheel width should be 40 mm.

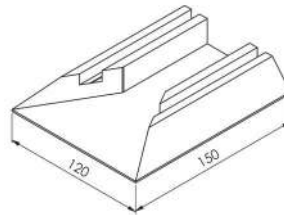


50952



1,5

Tope perfil monorraíl 40mm **Monorail profile end cap**



Aplicación

Para facilitar la entrada de la rueda en el perfil monorraíl.

Application

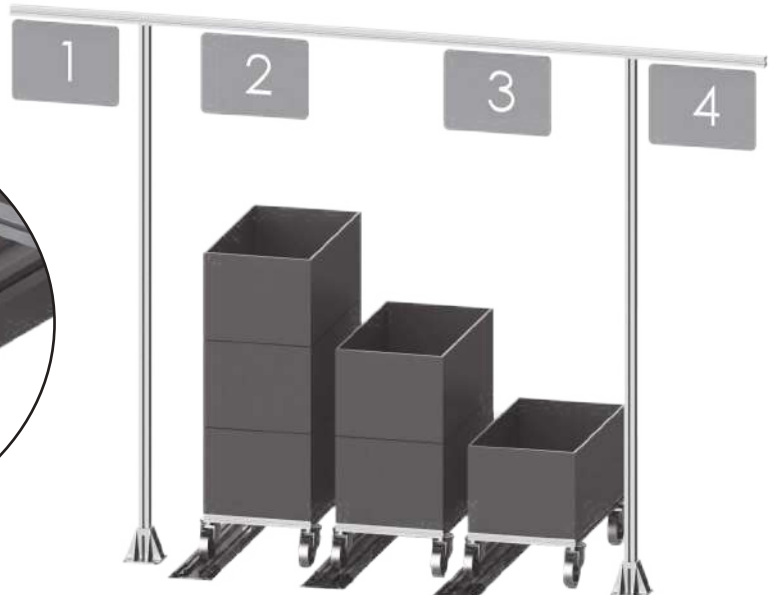
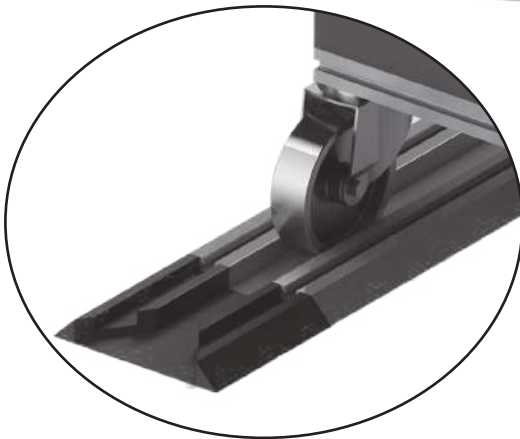
To facilitate the entry of the wheel into the monorail profile.



5646

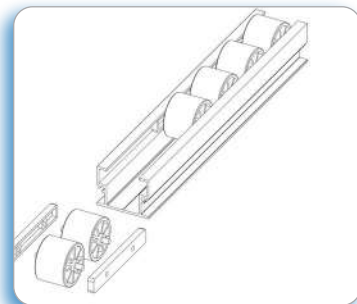
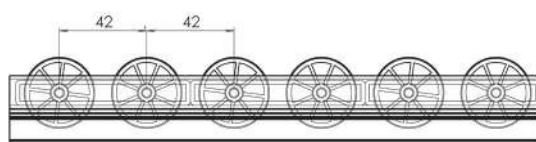


0,5





Perfil minicarril **Minirail profile** Aluminio / Aluminium



Perfil minicarril montado



Minirail profile assembled

5574

1,2

Componentes / Components



Rueda negra / Black wheel

5570

0,013

Rueda amarilla / Yellow

5570A

0,013

Rueda roja / Red wheel

5570R

0,013

Rueda verde / Green wheel

5570V

0,013

Soporte / holder

5571

0,003

Eje / axle

5572

0,004

Tapa / end cover

5573

0,025

Perfil aluminio / aluminium profile

5050

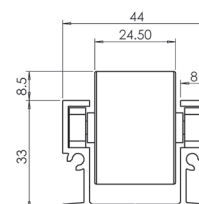
0,7

Aplicación

Para el deslizamiento de objetos de forma manual. Posibilidad de fabricarlo con las ruedas de diferentes colores.

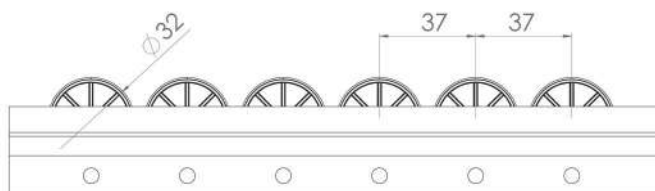
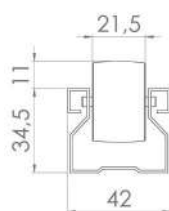
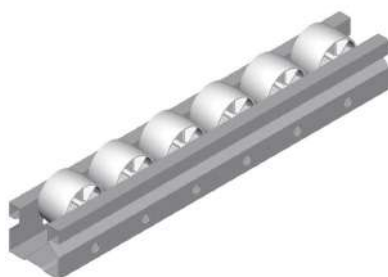
Application

For the manual sliding of objects. It can be manufactured with wheels of different colors if desired.



Minicarril **Acero** zincado

Minirail **Steel** zinc plated



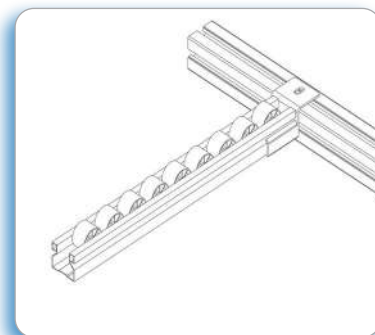
5576



4 m



1,4



Aplicación

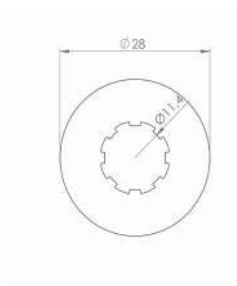
Perfil de acero para desplazamiento de objetos en estanterías dinámicas.

Application

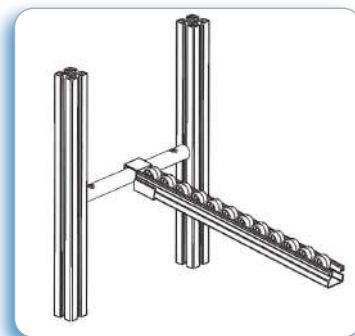
Steel profile for moving objects in dynamic shelves.



Perfil tubo redondo pesado Ø28 **Strong round profile Ø28**



	
50702	1,35



Aplicación

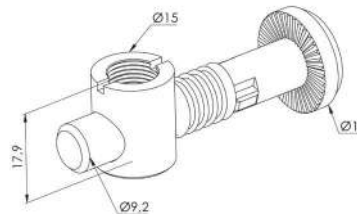
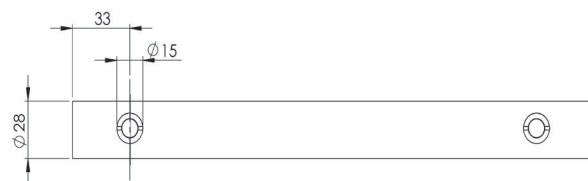
Permite la fijación de minicarril y su regulación en altura mediante los conectores de los extremos.

Application

To assemble roller tracks allowing height regulation.

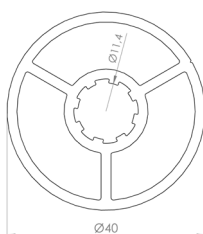
Conector cabeza redonda tubo Ø28 mm **Acero zincado**

Round head joint tube Ø28 mm **Zinc plated steel**

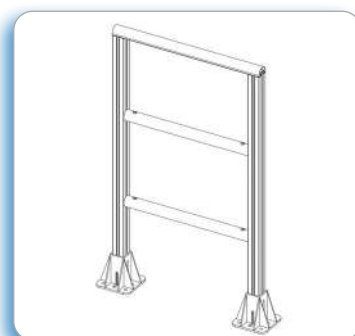


			
53521	33mm	15	0,05

Perfil redondo Ø40 **Profile Ø40**



		$I_x \text{ cm}^4$	$I_y \text{ cm}^4$	$W_x \text{ cm}^3$	$W_y \text{ cm}^3$
50096	1,1	5,2	5,2	2,6	2,6



Aplicación

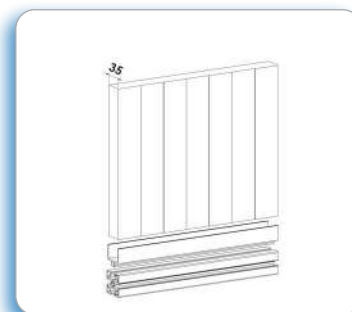
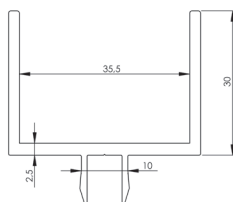
Para la construcción de barandillas. Unión con conector Cod. 5352.

Application

Used in protection handrails. To connect profiles use round head joint Cod. 5352.



Perfil para panelar 35 mm **Panel profile 35 mm**



Aplicación

Permite la fijación de paneles de espesor 35 mm.

Application

Enables the fixing of panels 35 mm thick.



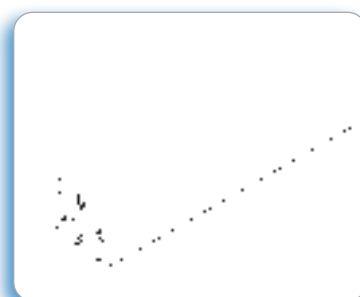
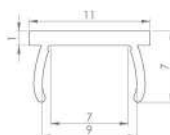
50953



0,7

Tapacanal rígido **Aluminio**

Groove cover profile **Aluminium**



Aplicación

Para el recubrimiento de los canales de los perfiles de aluminio. Se recomienda su uso para evitar la acumulación de partículas o para mantener los cables en los canales del perfil.

Application

For the covering of profile slots. Recommended to avoid accumulation of particles or to keep cables inside profile slots.



50951



0,1

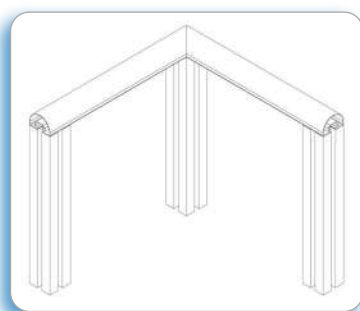
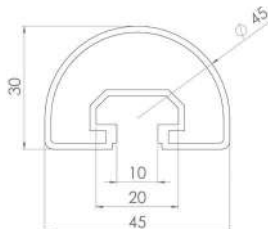
Color / material

Aluminio



40/45/50/60/80/90

Perfil barandilla **Hand rail profile**



Aplicación

De uso como pasamanos para la fabricación de barandillas.

Application

Used as a handrail for the manufacturing of railings.



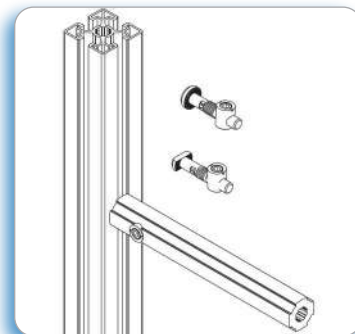
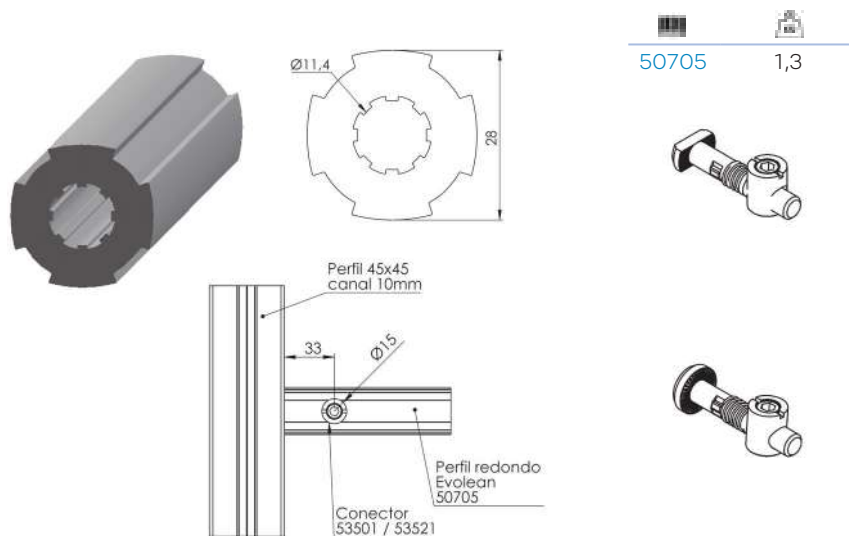
50945



0,7



Perfil redondo EVOLEAN 28 pesado **Strong round EVOLEAN 28 profile**



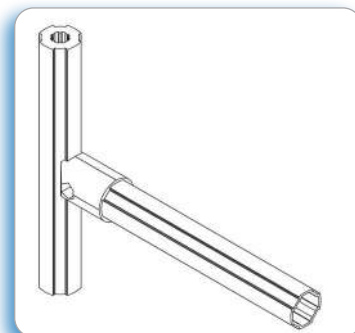
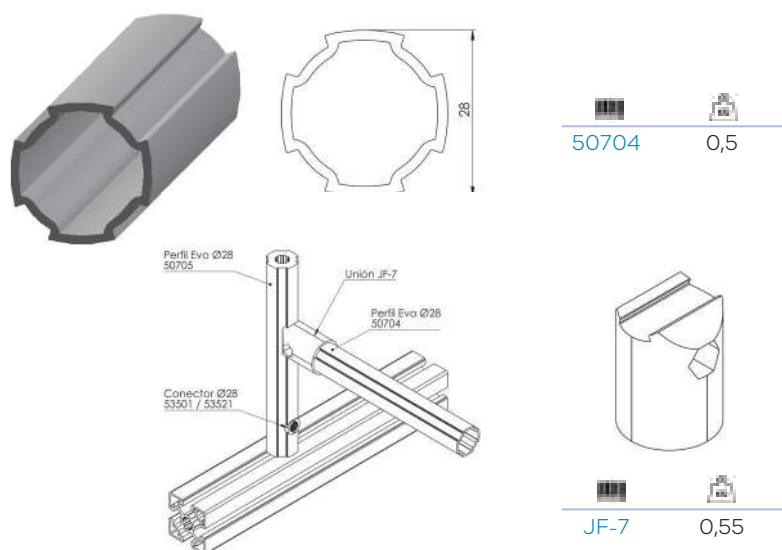
Aplicación

Permite conectar tubos de la serie evolean a los perfiles de aluminio mediante el uso de conectores.

Application

To connect evolean's tubes to aluminium profiles through connectors.

Perfil redondo EVOLEAN 28 ligero **Light round EVOLEAN 28 profile**



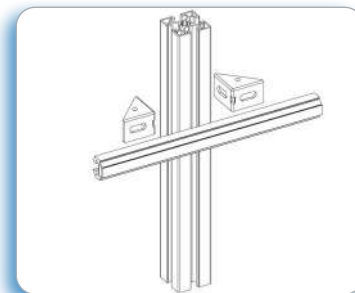
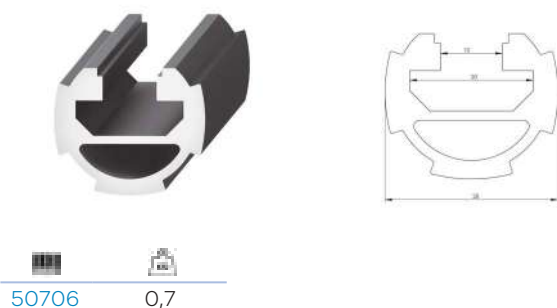
Aplicación

Permite conectar tubos de la serie evolean entre si mediante el uso de uniones del tipo JF-7.

Application

To connect evolean's tubes between them using JF- type joints.

Perfil guía Ø28 - EVO **Guiding profile Ø28 - EVO**



Aplicación

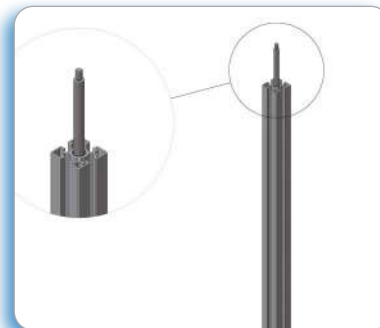
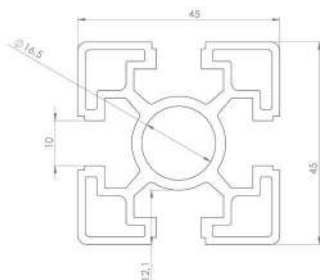
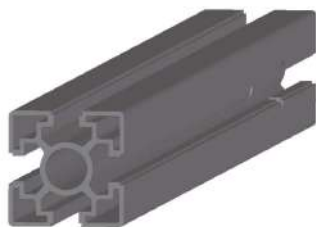
Como tope o para el guiado lateral en todo tipo de estructuras.

Application

As stopper or lateral guide for various types of structures.



Perfil actuador hidráulico 45 **Hydraulic actuator profile**



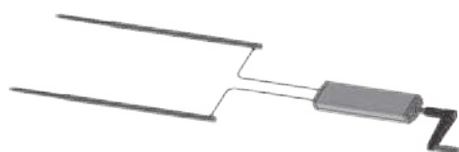
		$I_x \text{ cm}^4$	$I_y \text{ cm}^4$	$W_x \text{ cm}^3$	$W_y \text{ cm}^3$
5041	1,7	12,0	12,0	5,3	5,3

Aplicación

Permite la regulación en altura. El cilindro hidráulico se aloja en el interior del perfil. Carrera máxima 400mm. Carga máxima 100Kg

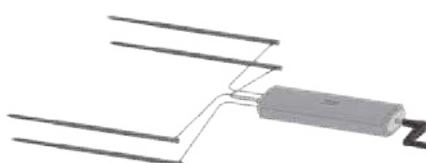
Kit de regulación altura **Kit height levelling**

2 actuadores + bomba



Carga : 100Kg / actuador

4 actuadores + bomba

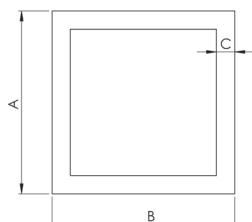
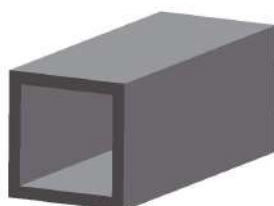


Application

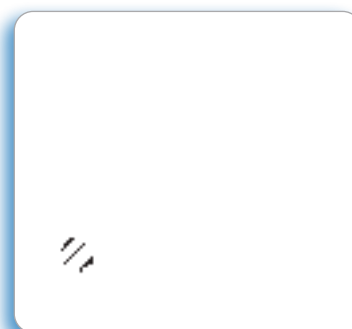
Allows height levelling. The application of this system allows housing and hydraulic cylinder.

Max. Stroke 400mm. Max. Load 100Kg

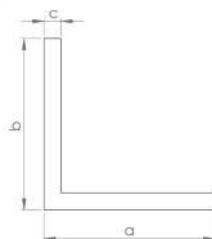
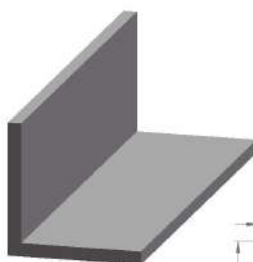
Perfil tubular **Tubular profile**



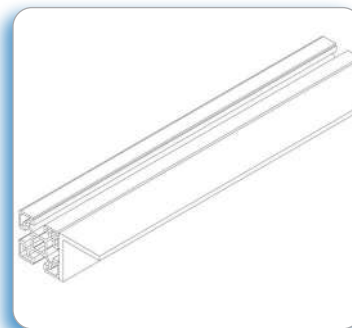
	AxBxC	
50843	30x30x2	0,604
50842	40x40x2	0,820
50841	45x45x2	0,910
5084	50x50x2	1,036
5082	98x98x4,5	3,60



Ángulos 20/30/40 **Angles 20/30/40**



	a mm	b mm	c mm	
50862	20	20	1,5	0,22
50861	30	30	2	0,33
50866	30	30	3	0,35
5086	40	40	4	0,87
50863	50	50	4	1,037
50864	60	60	5	1,553





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página/page 150

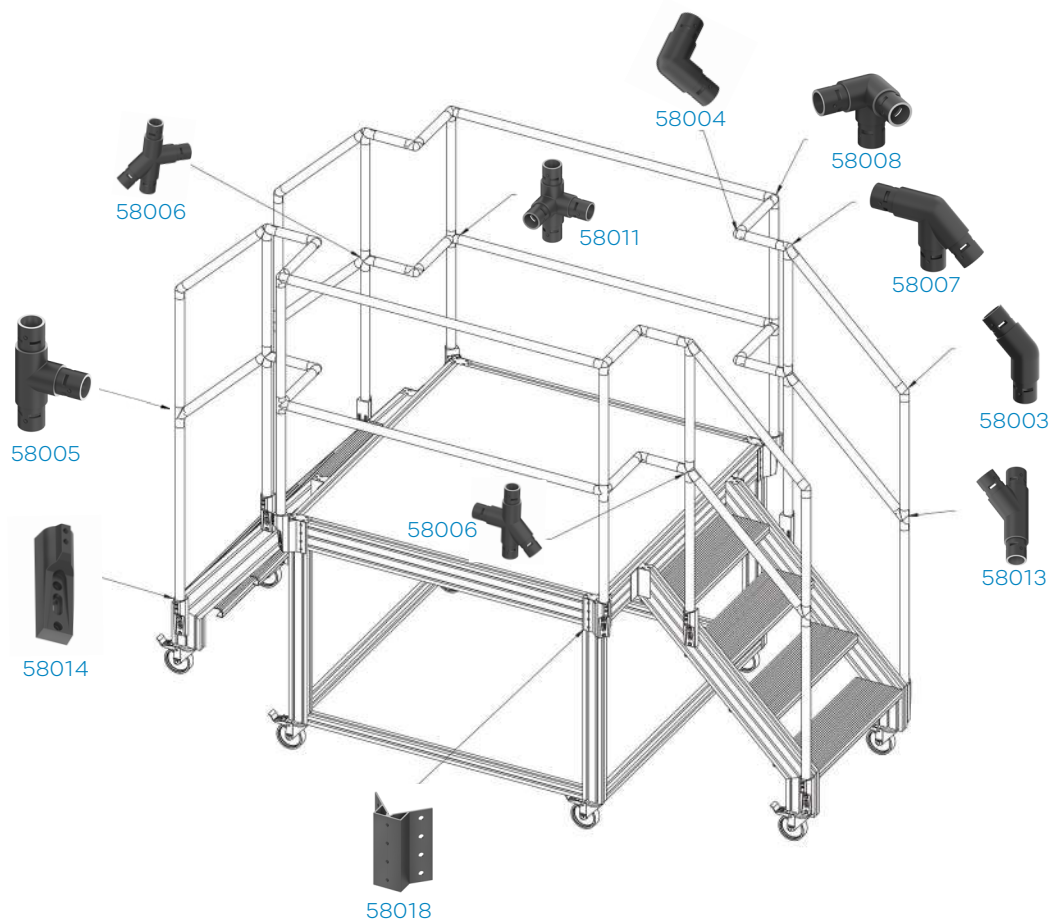
página/page 151

página/page 152

página/page 153

COMPONENTES PARA ESCALERAS Y BARANDILLAS

COMPONENTS FOR STAIRS AND HANDRAILS





Tubo aluminio Ø40x3 Aluminium Pipe Ø40x3
(Aluminio Anodizado / Anodized Aluminum)



58001



0,172

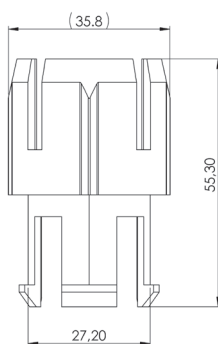
Aplicación

Para la construcción de barandillas.

Application

For the construction of handrails.

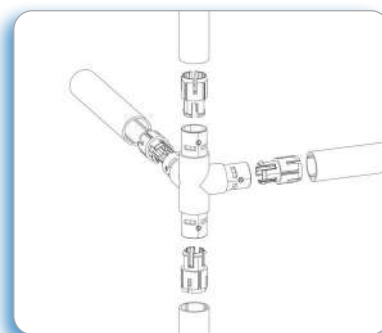
Casquillo interior Inner bush
(Poliamida/ Polyamide)



58017



0,012



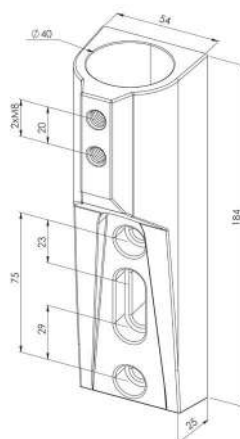
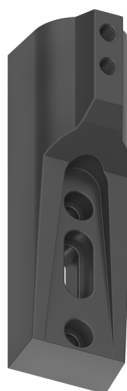
Aplicación

Para el ensamblaje del perfil aluminio Ø40 con las uniones de barandilla.
Evita el giro del perfil en la unión.

Application

For connecting the aluminium profile Ø40 with the railing joints.
Prevents the profile from twisting in the joint.

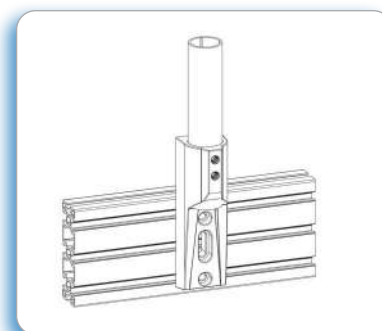
Soporte de anclaje exterior External anchor bracket
(Aluminio fundido / Cast Aluminum)



58014



0,607



Aplicación

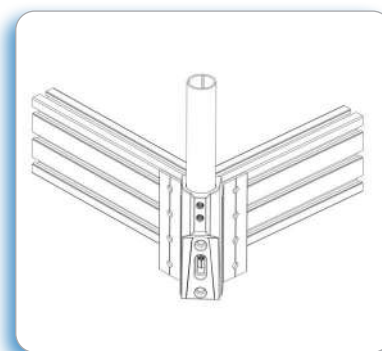
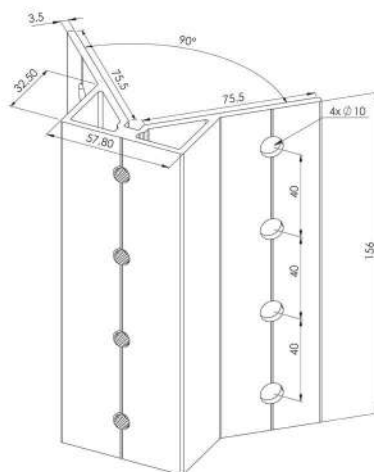
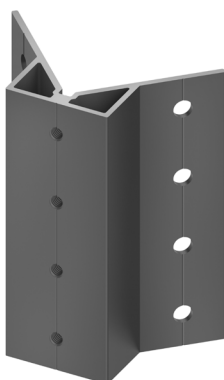
Para fijar las barandillas al perfil estructural exterior

Application

For fixing the railings to the outer structural profile



Esquinero 90° exterior 90° outside corner (Acero / Steel)



Aplicación

Para poder fijar el soporte de anclaje exterior (cod.58014) en esquina.

Application

In order to be able to fix the external anchoring bracket (cod.58014) in a corner.

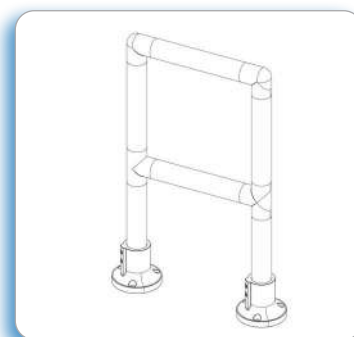
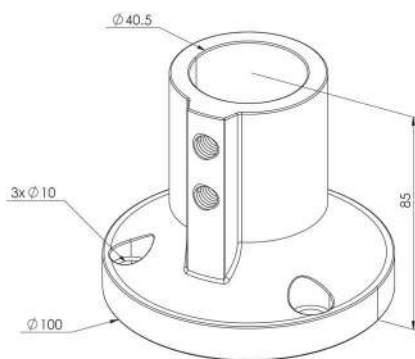


58018



0,30

Soporte de fijación redondo Round fixing bracket (Aluminio fundido / Cast Aluminum)



Aplicación

Para la fijación de barandillas al suelo.

Application

For fixing handrails to the floor.

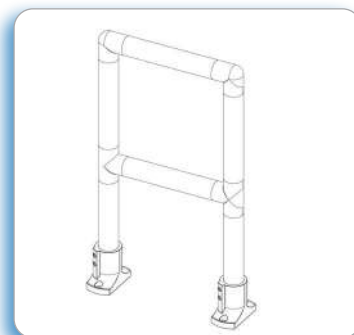
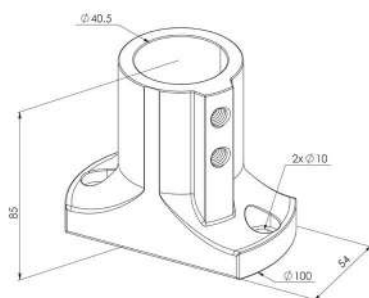
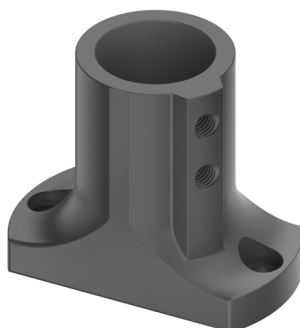


58015



0,30

Soporte de fijación rectangular Rectangular fixing bracket (Aluminio fundido / Cast Aluminum)



Aplicación

Para la fijación de barandillas al suelo.

Application

For fixing handrails to the floor.



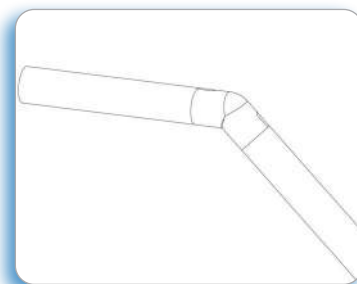
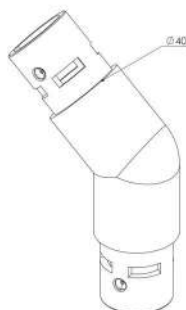
58016



0,30



Unión de barandilla esquina 2S-135° **Corner handrail joint 2S-135°**
(Aluminio fundido / Cast Aluminum)



Aplicación

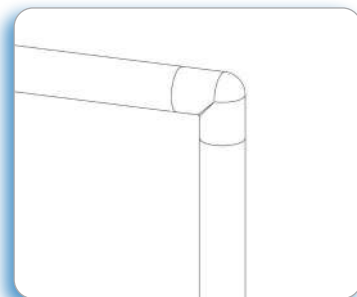
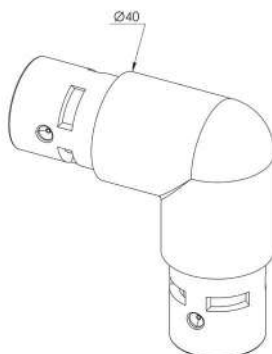
Para el ensamblaje de 2 perfiles de aluminio Ø40 a 135°. Necesarios 2 casquillos (cod. 58017).

Application

For assembling 2 aluminium profiles Ø40 at 135°. Needs 2 bushes (cod. 58017).

 58003  0,19

Unión de barandilla esquina 2S-90° **Corner handrail joint 2S-90°**
(Aluminio fundido / Cast Aluminum)



Aplicación

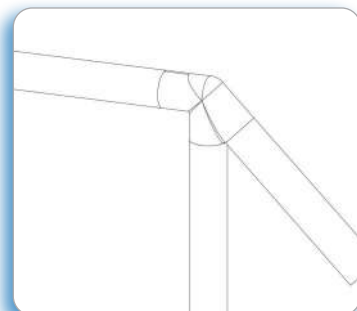
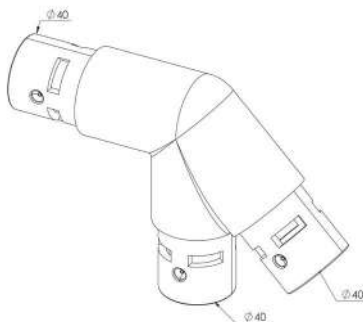
Para el ensamblaje de 2 perfiles de aluminio Ø40 a 90°. Necesarios 2 casquillos (cod. 58017).

Application

For assembling 2 aluminium profiles Ø40 at 90°. Needs 2 bushes (cod. 58017).

 58004  0,20

Unión de barandilla esquina 3S-90° /135° **Corner handrail joint 3S-90° /135°**
(Aluminio fundido / Cast Aluminum)



Aplicación

Para el ensamblaje de 2 perfiles de aluminio Ø40 en esquina a 90° y 1 a 135°. Necesarios 3 casquillos (cod. 58017).

Application

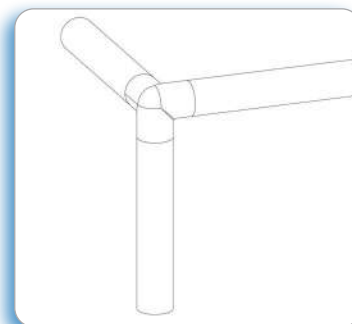
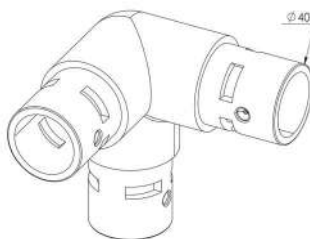
For assembling 2 aluminium profiles Ø40 in 90° and 1 in 135° corners. Needs 3 bushes (cod. 58017).

 58007  0,20



Unión de barandilla esquina 90° **Corner handrail joint 90°**

(Aluminio fundido / Cast Aluminum)



Aplicación

Para el ensamblaje de 3 perfiles aluminio Ø40 en esquina a 90°. Necesarios 3 casquillos (cod. 58017).

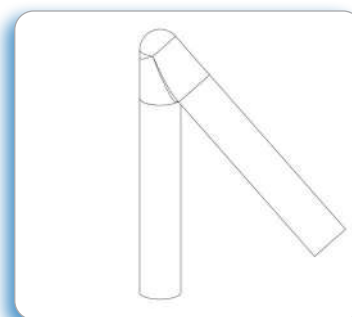
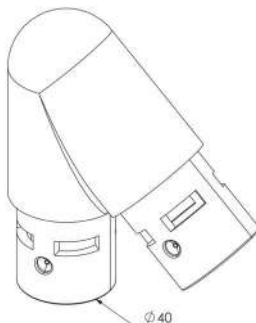
Application

For assembling 3 aluminium profiles Ø40 in 90° corners. Needs 3 bushes (cod. 58017).

 58008  0,20

Unión de barandilla esquina 45° **Corner handrail joint 45°**

(Aluminio fundido / Cast Aluminum)



Aplicación

Para el ensamblaje de 2 perfiles aluminio Ø40 en esquina a 45°. Necesarios 2 casquillos (cod. 58017).

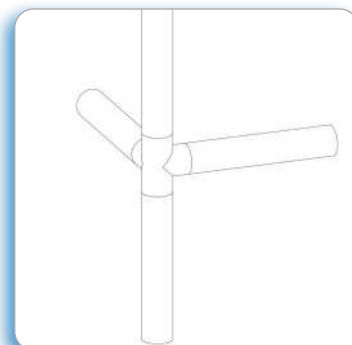
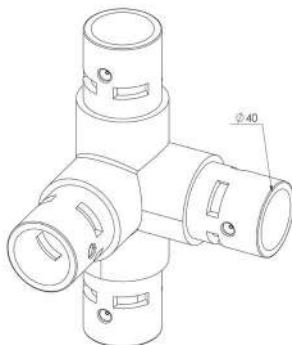
Application

For assembling 2 aluminium profiles Ø40 in 45° corners. Needs 2 bushes (cod. 58017).

 58009  0,21

Unión de barandilla esquina 4S-90° **Corner handrail joint 4S-90°**

(Aluminio fundido / Cast Aluminum)



Aplicación

Para el ensamblaje de 4 perfiles aluminio Ø40 en esquina a 90°. Necesarios 4 casquillos (cod. 58017).

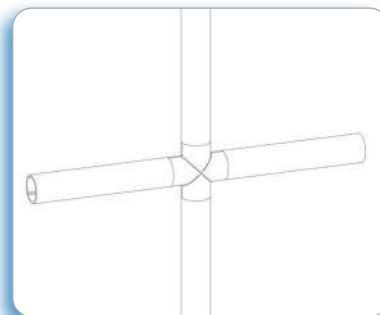
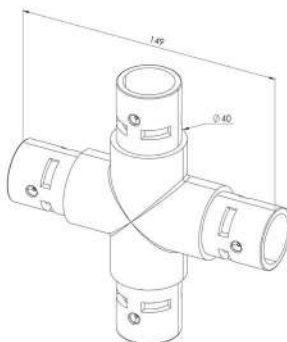
Application

For assembling 4 aluminium profiles Ø40 in 90° corners. Needs 4 bushes (cod. 58017).

 58011  0,20



Unión de barandilla 4S-90° **4S-90° handrail joint** (Aluminio fundido / Cast Aluminum)



Aplicación

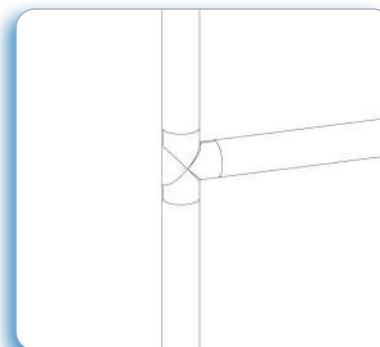
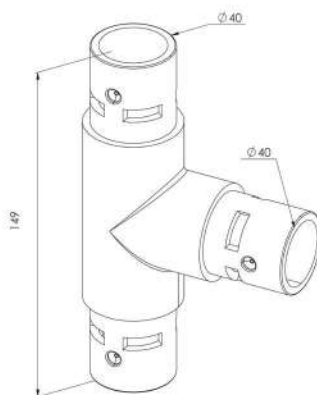
Para el ensamblaje de 4 perfiles de aluminio Ø40 en cruz. Necesarios 4 casquillos (cod. 58017).

Application

For assembling 4 aluminium profiles Ø40 crosswise. Needs 4 bushes (cod. 58017).

58002 0,30

Unión de barandilla 3S-90° **Handrail joint 3S-90°** (Aluminio fundido / Cast Aluminum)



Aplicación

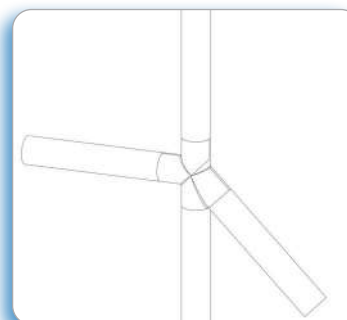
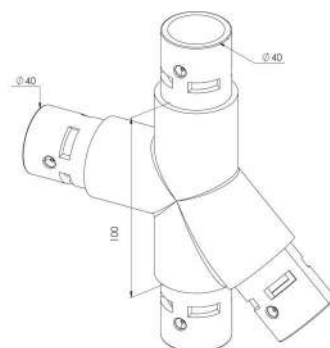
Para el ensamblaje de 3 perfiles aluminio Ø40 a 90°. Necesarios 3 casquillos (cod. 58017).

Application

For the assembly of 3 aluminium profiles Ø40 at 90°. Needs 3 bushes (cod. 58017).

58005 0,20

Unión de barandilla 4S-90° /135° **Handrail joint 4S-90° /135°** (Aluminio fundido / Cast Aluminum)



Aplicación

Para el ensamblaje de 3 perfiles aluminio Ø40 a 90° y 1 a 135°. Necesarios 4 casquillos (cod. 58017).

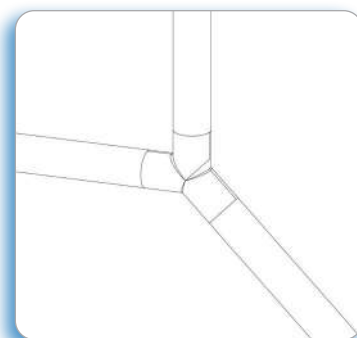
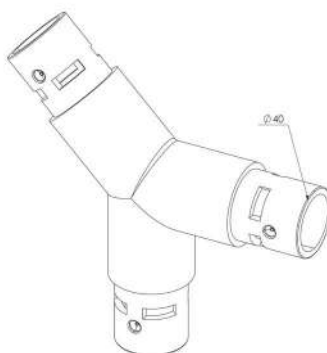
Application

For the assembly of 3 aluminium profiles Ø40 at 90° and 1 at 135°. Needs 4 bushes (cod. 58017).

58006 0,20



Unión de barandilla 3S-90°/135° Handrail joint 3S-90°/135° (Aluminio fundido / Cast Aluminum)



Aplicación

Para el ensamblaje de 2 perfiles aluminio Ø40 a 90 y 1 a 135°. Necesarios 3 casquillos (cod. 58017).

Application

For assembling 2 aluminium profiles Ø40 at 90° and 1 at 135°. Needs 3 bushes (cod. 58017).

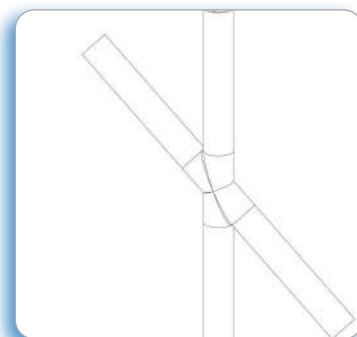
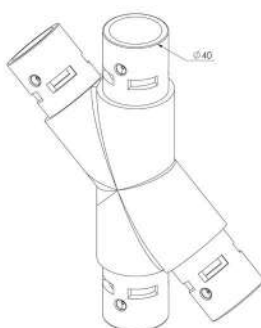


58010



0,20

Unión de barandilla 4S-45° Handrail joint 4S-45° (Aluminio fundido / Cast Aluminum)



Aplicación

Para el ensamblaje de 4 perfiles aluminio Ø40 a 45°. Necesarios 4 casquillos (cod. 58017).

Application

For assembling 4 aluminium profiles Ø40 at 45°. Needs 4 bushes (cod. 58017).

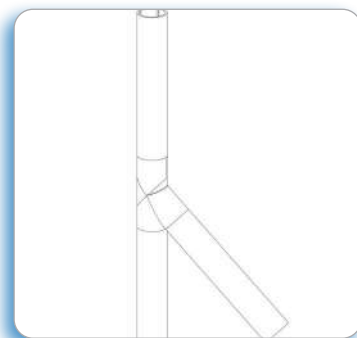
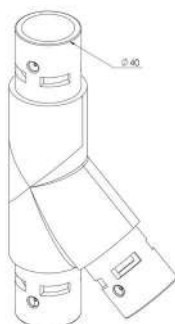


58012



0,20

Unión de barandilla 3S-45°/180° Handrail joint 3S-45°/180° (Aluminio fundido / Cast Aluminum)



Aplicación

Para el ensamblaje de 2 perfiles aluminio Ø40 en vertical y 1 a 45°. Necesarios 3 casquillos (cod. 58017).

Application

For assembling 2 Ø40 aluminium profiles vertically and 1 at 45°. Needs 3 bushes (cod. 58017).



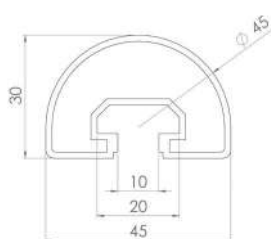
58013



0,297



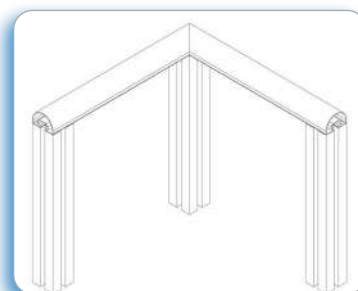
Perfil barandilla Hand rail profile



50945



0,7



Aplicación

De uso como pasamanos para la fabricación de barandillas.

Application

Used as a handrail for the manufacturing of railings.

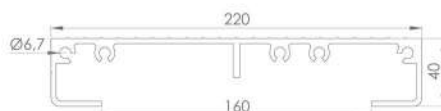
Perfil peldaño Step profile



509941



4,0



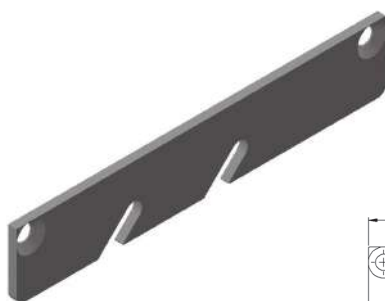
Aplicación

Permite el montaje de escaleras y suelos técnicos.

Application

Suitable for stairs and technical floors.

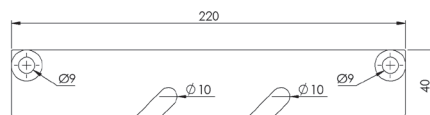
Pletina Perfil peldaño 45° Step profile plate 45°



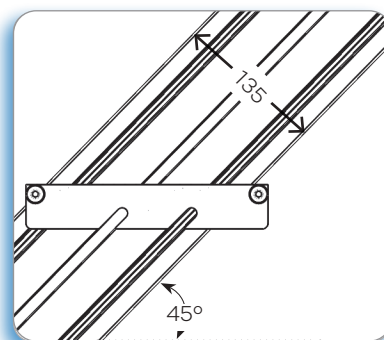
509942



0,32



135



Aplicación

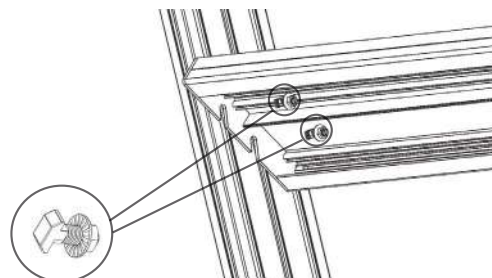
Permite la fijación y regulación en altura del perfil peldaño.

Application

For fixing and levelling step profile.



Atornillar la pletina al peldaño
Screw plate to step profile



Atornillar el peldaño al perfil lateral usando tornillos cabeza martillo
Screw step profile to lateral profile using hammer head bolt and hex flange nut

EJEMPLOS DE MONTAJE

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ASSEMBLY EXAMPLES



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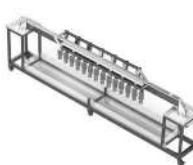
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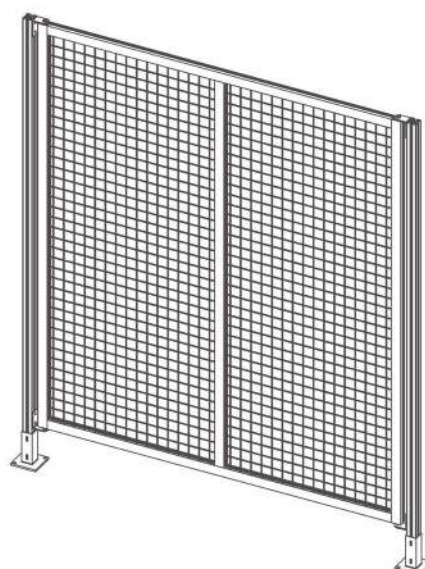
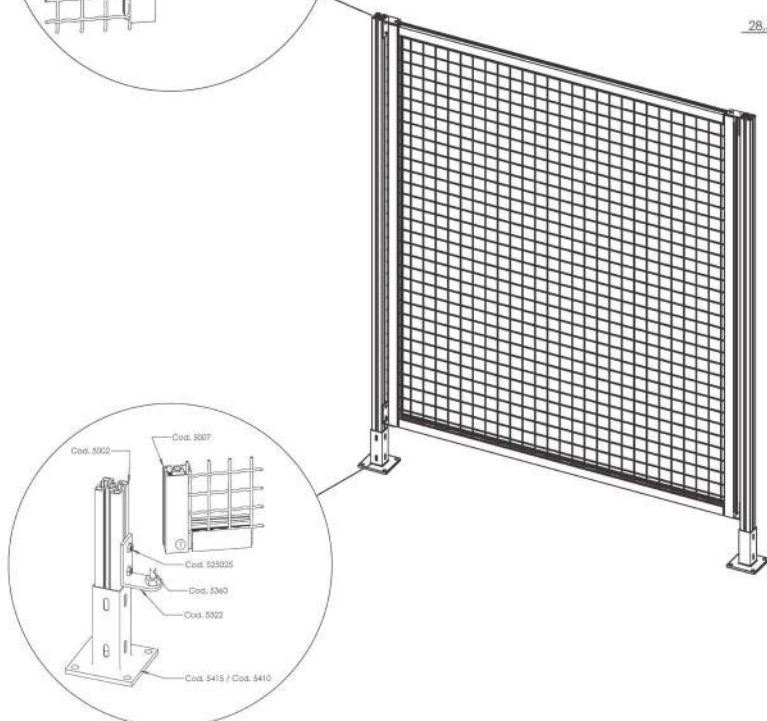
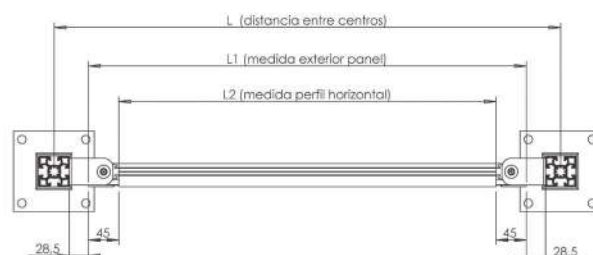
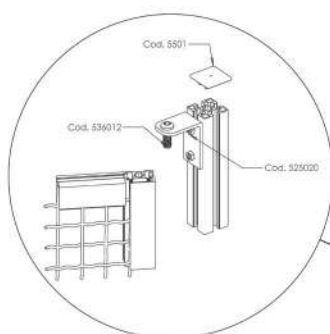


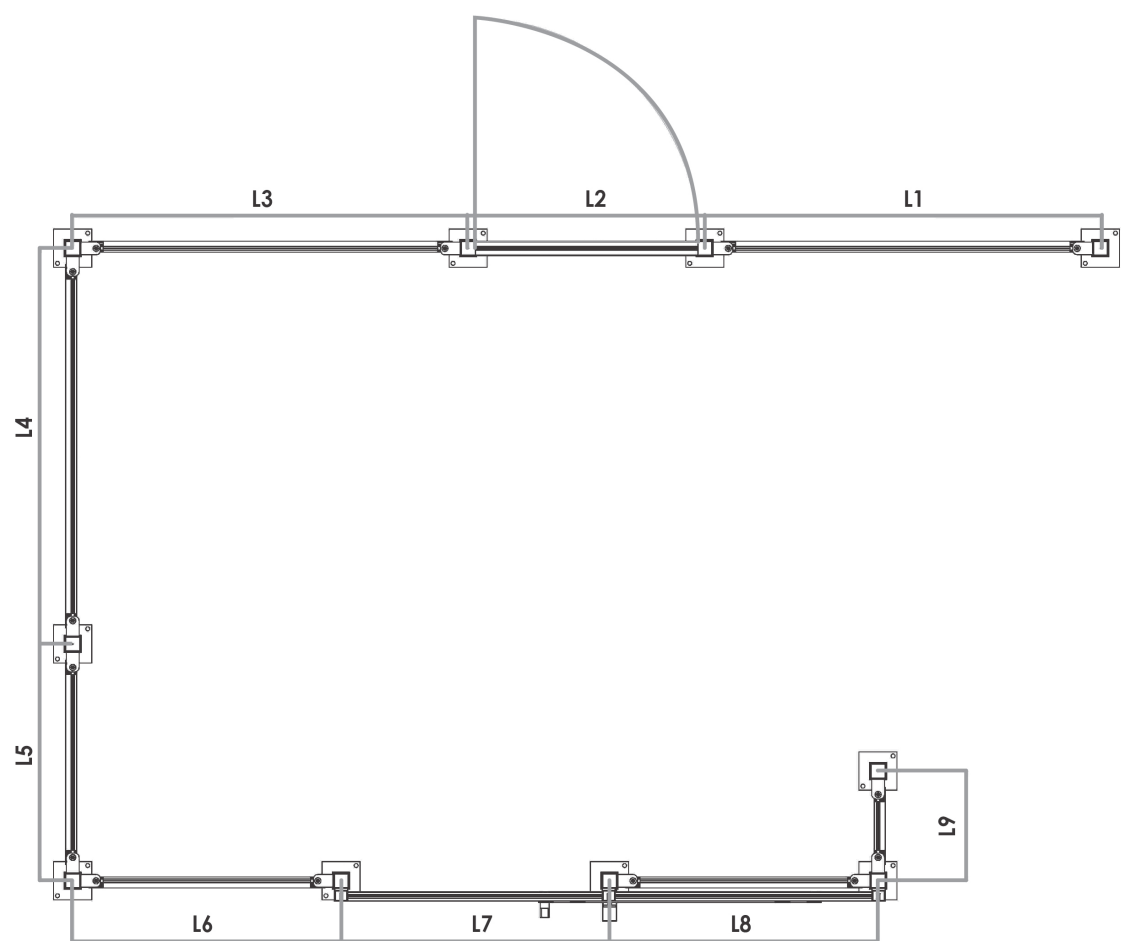
EJEMPLOS DE MONTAJE

ASSEMBLY EXAMPLES

Cerramientos de seguridad con rejilla

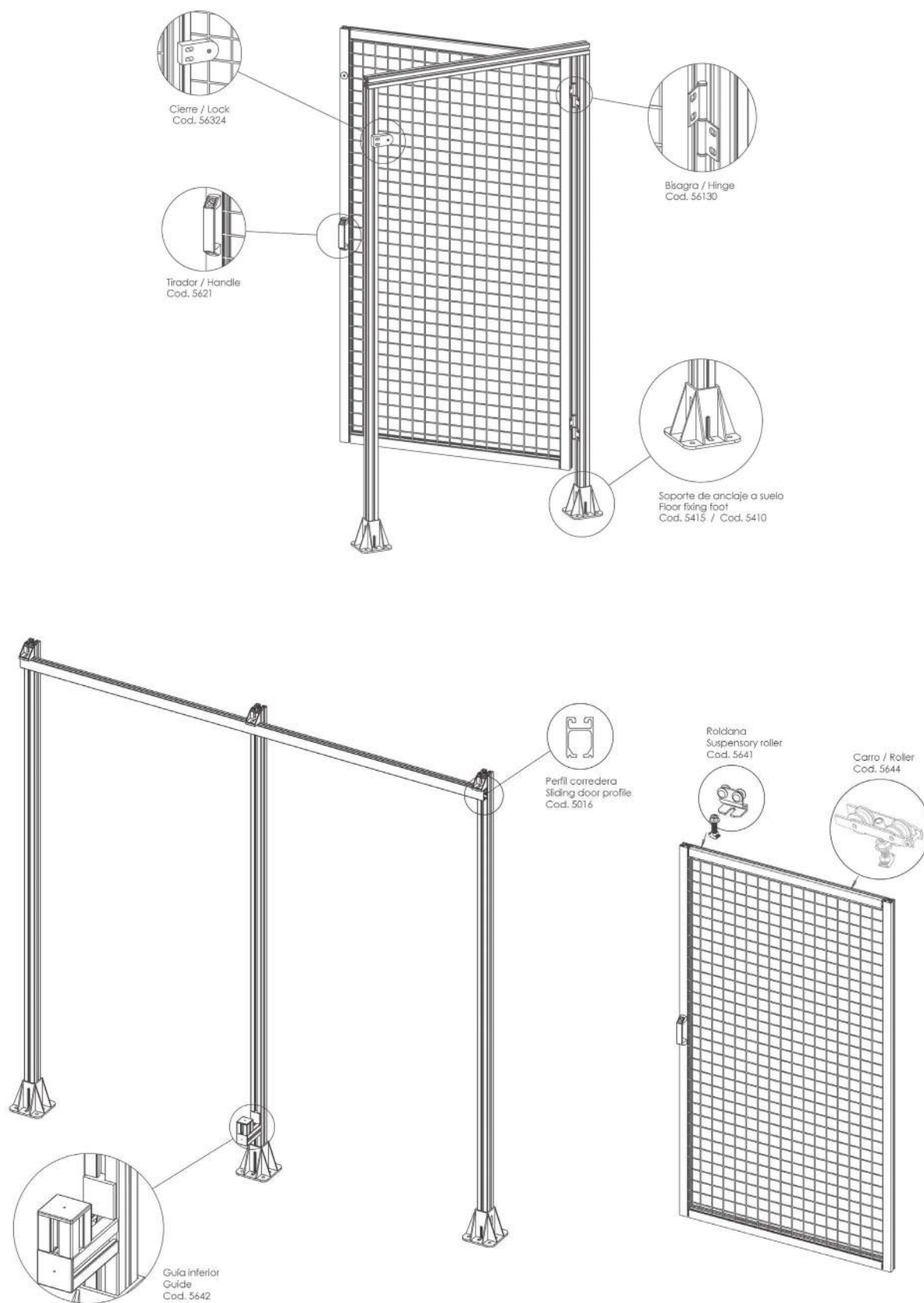
Safety enclosures with grid





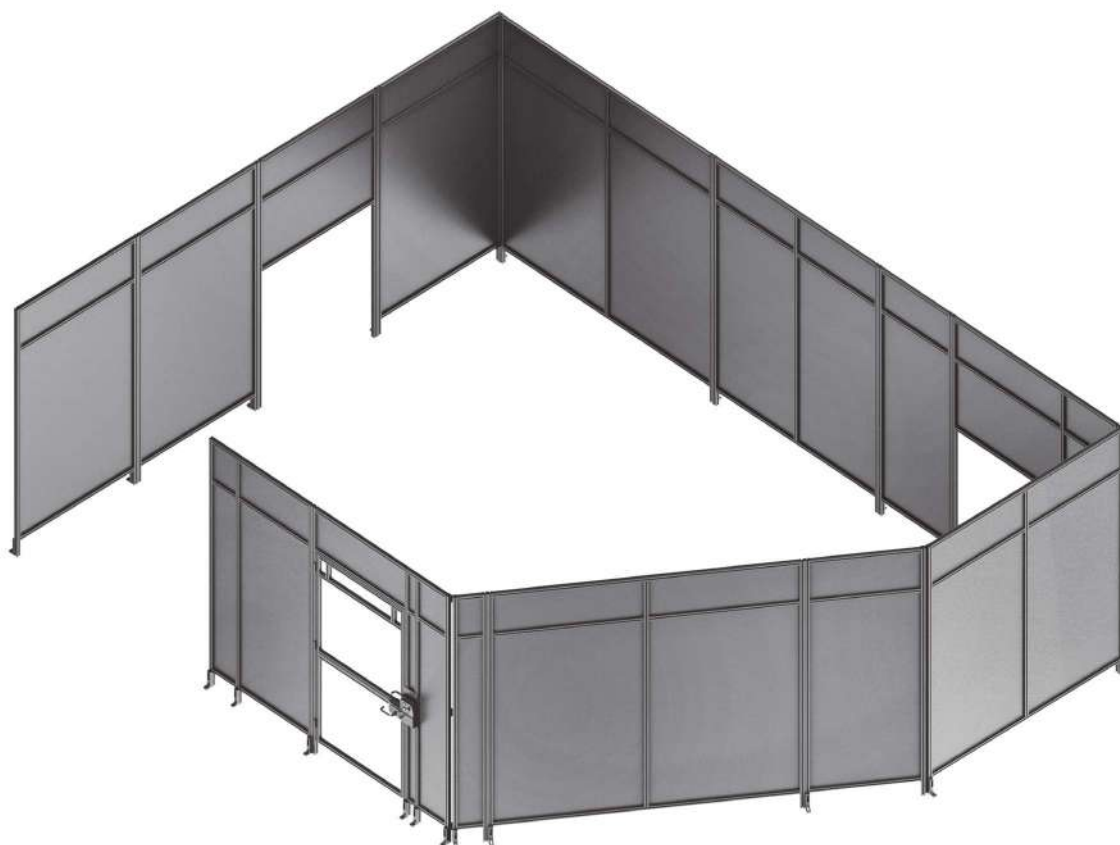
Puerta batiente y puerta corredera

Swinging door and sliding door



Cerramientos de seguridad con paneles

Safety enclosures with panels



Cabinas con aislamiento en panel sandwich

[Sandwich panel control booths](#)



Estructuras con aislamiento en panel sandwich

[Sandwich panel structures](#)



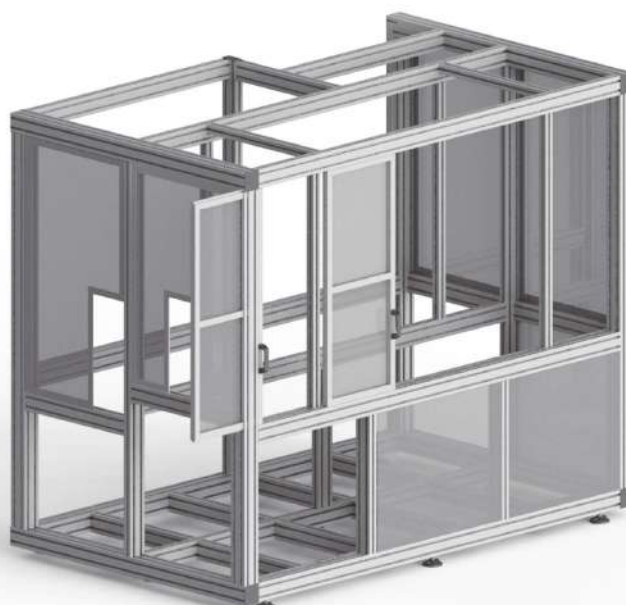
Bastidores de máquina

Machine structures



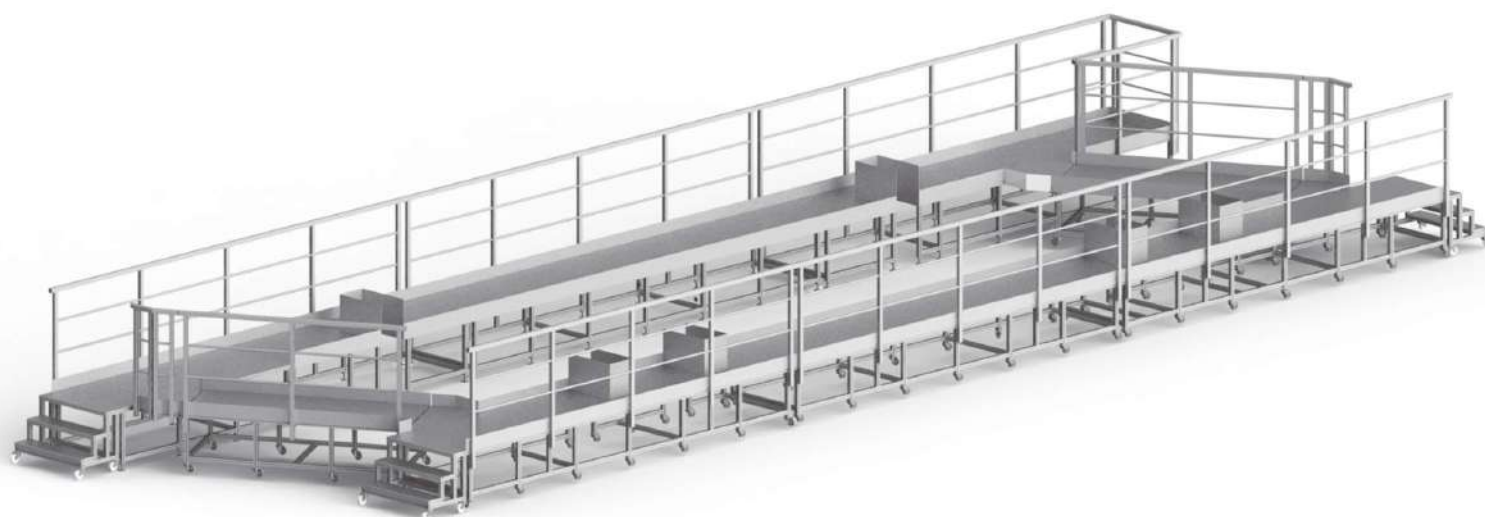
Protecciones de maquinaria

Machine protections



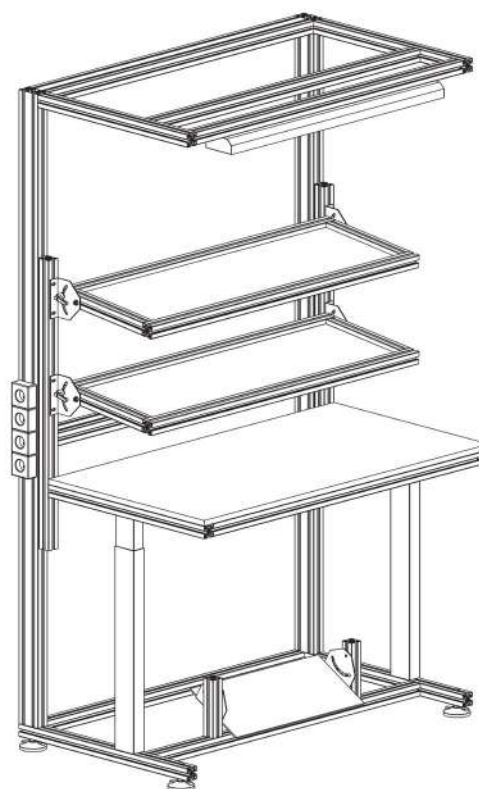
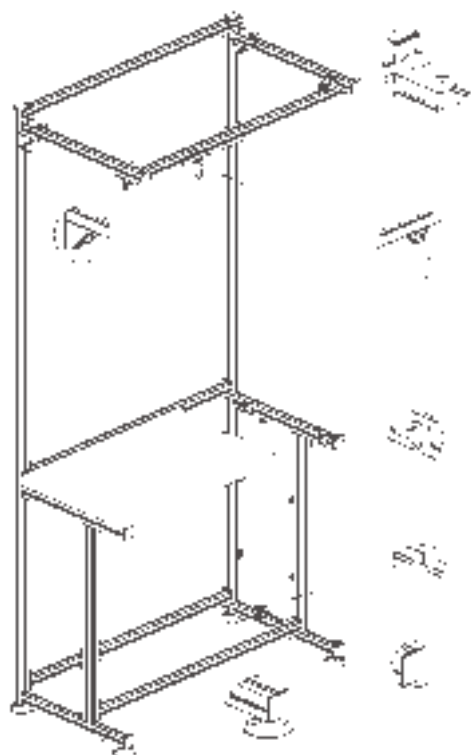
Plataformas y pasarelas

Platforms and runways



Estaciones de trabajo

Working stations



Mesas de trabajo

Working tables



Mesas modulares

Modular tables



Archivadores

Counters



Paneles informativos

Informative panels



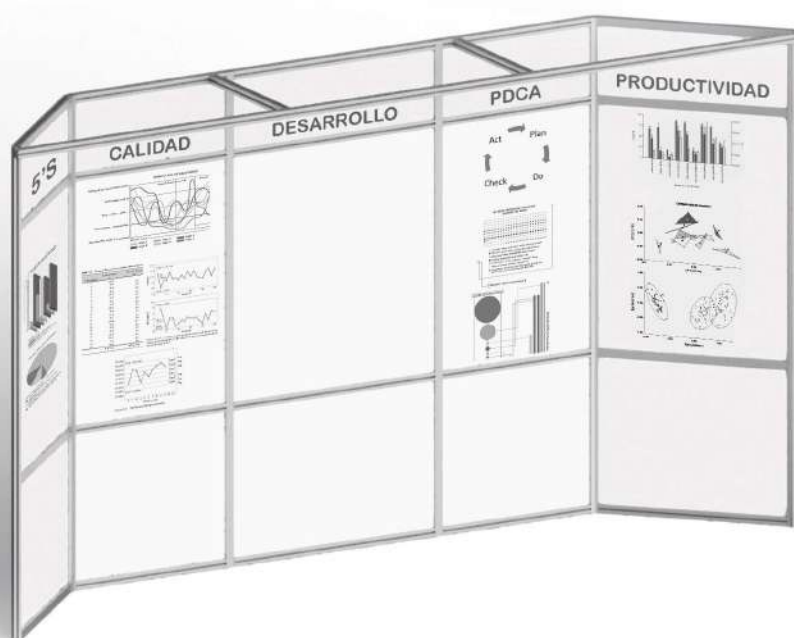
Pizarras

Whiteboards



Estructuras para la gestión visual

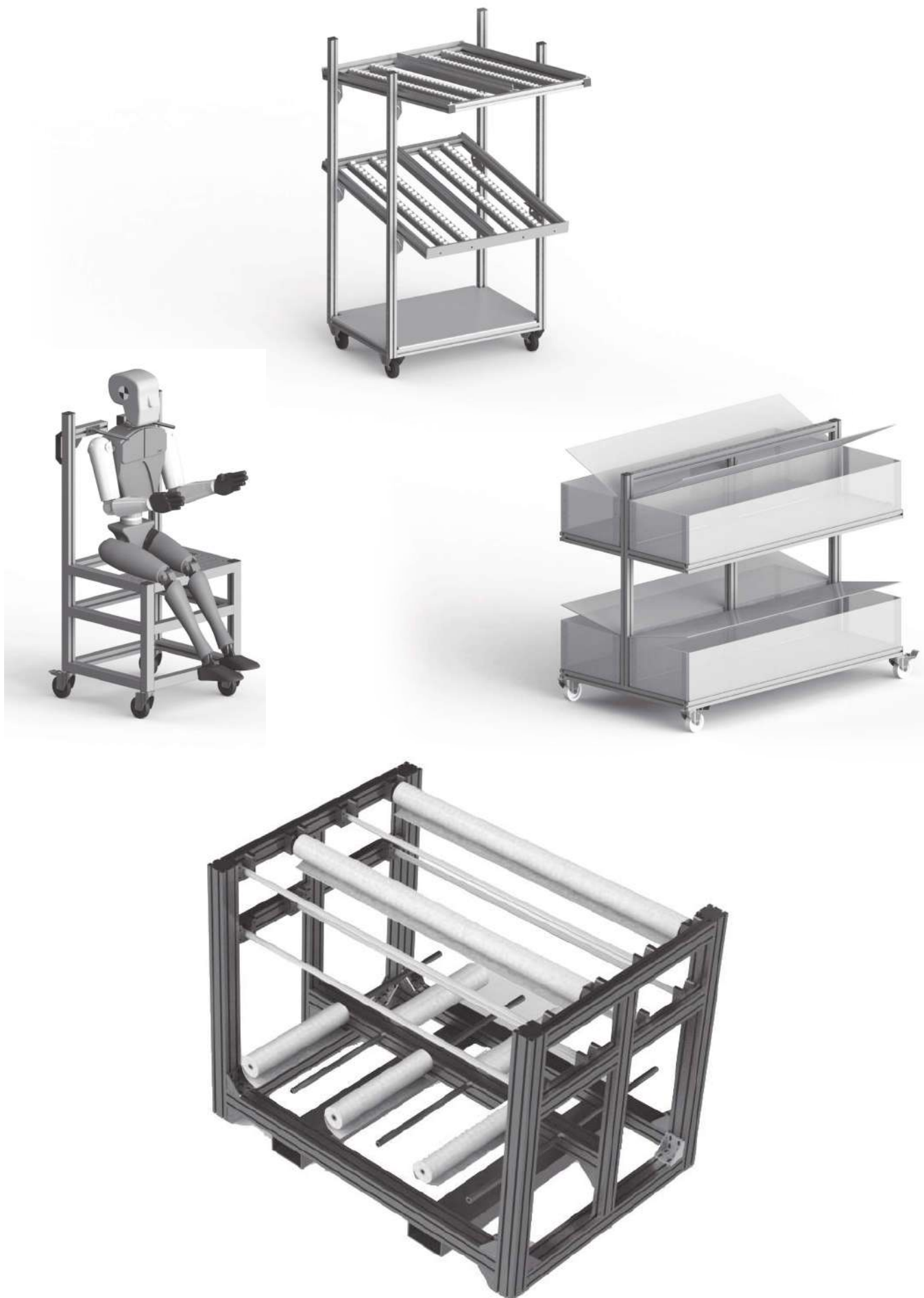
Visual management structures



Carros de apoyo

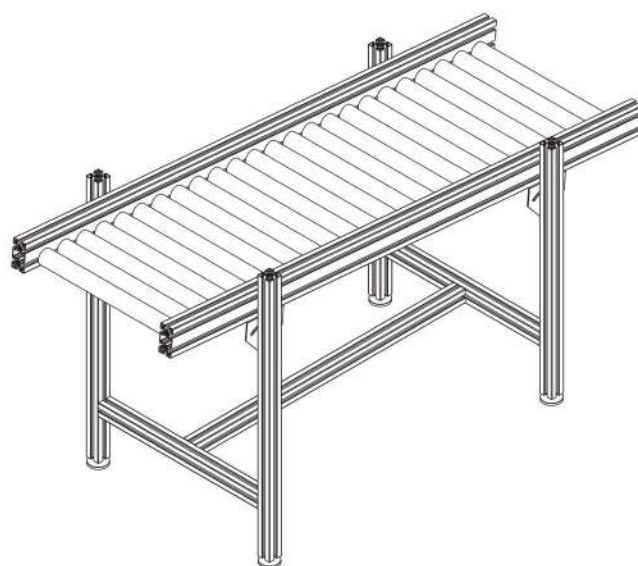
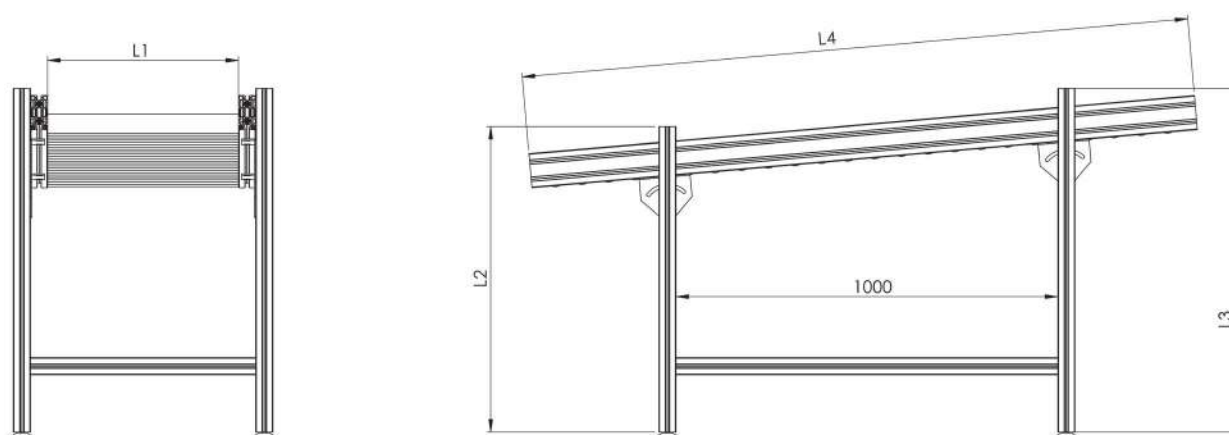
Transport and support trolleys





Transportadores de rodillos

Roller conveyors



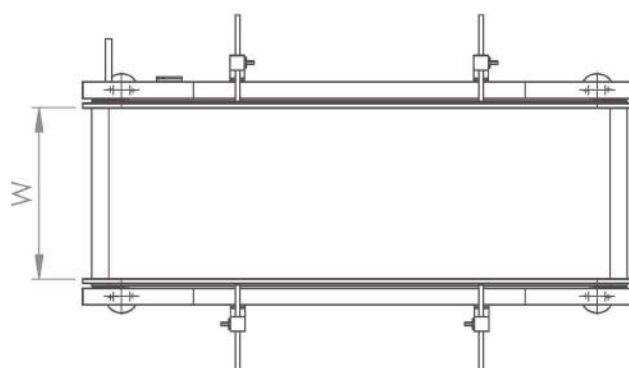
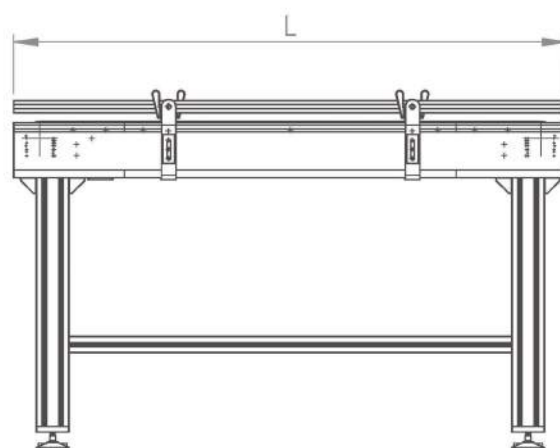
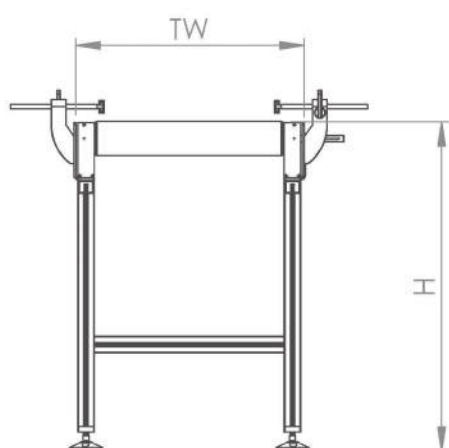


Transportadores de rodillos motorizados
Motorized roller conveyors



Transportadores de banda

Belt conveyors



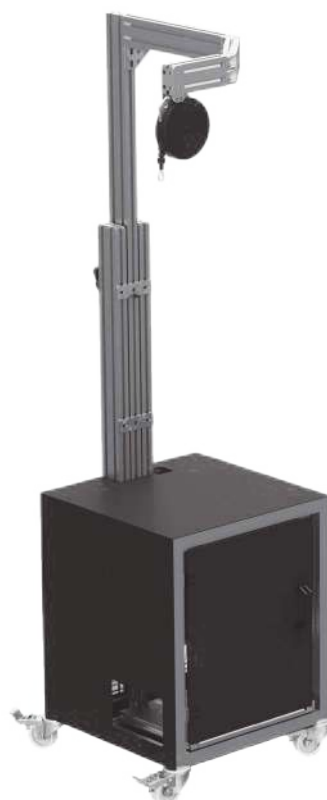


Carterizaciones
Tailor-made equipment



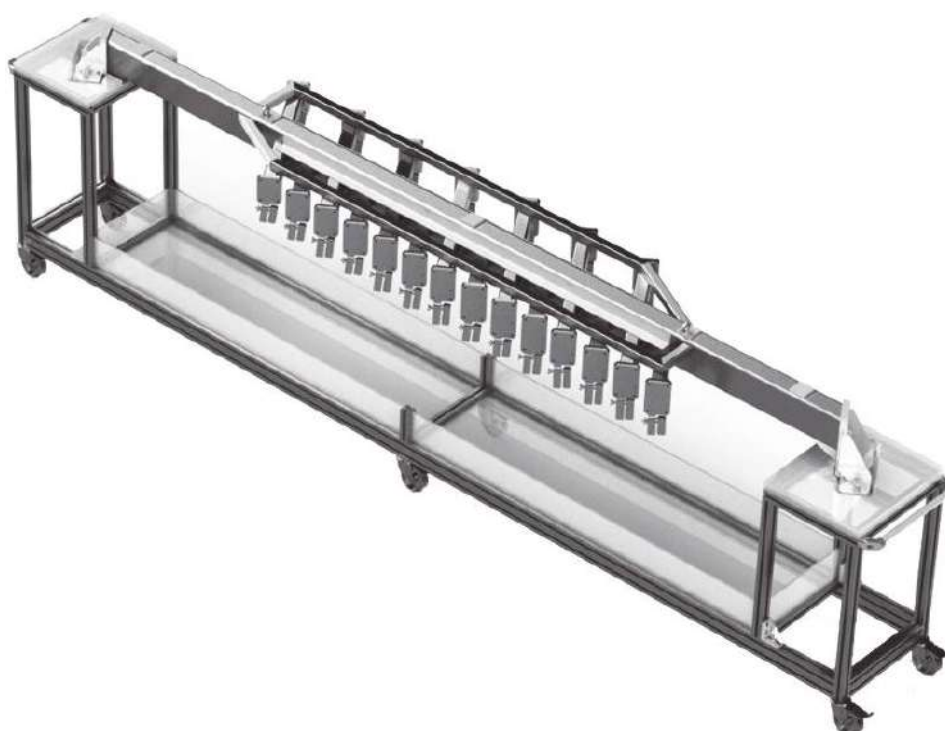
Carro porta herramientas

Tool trolley cabinets



Carro utillaje

Tooling trolley



Estanterías dinámicas

Dynamic shelves



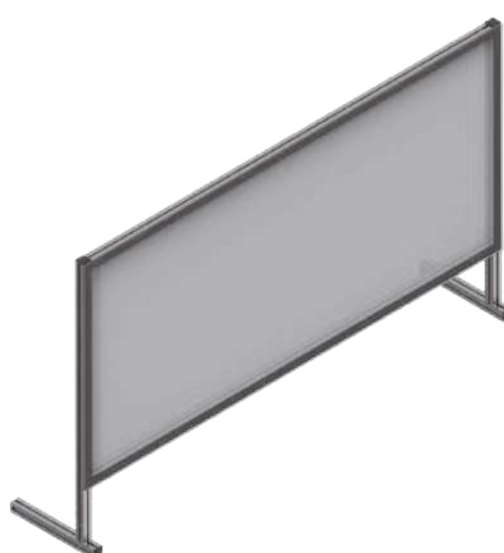
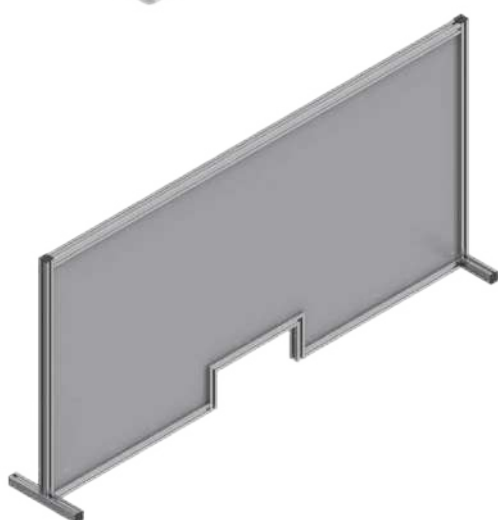
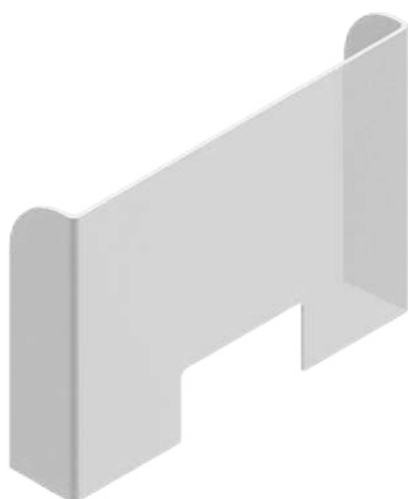
Volteadores

Turning tables



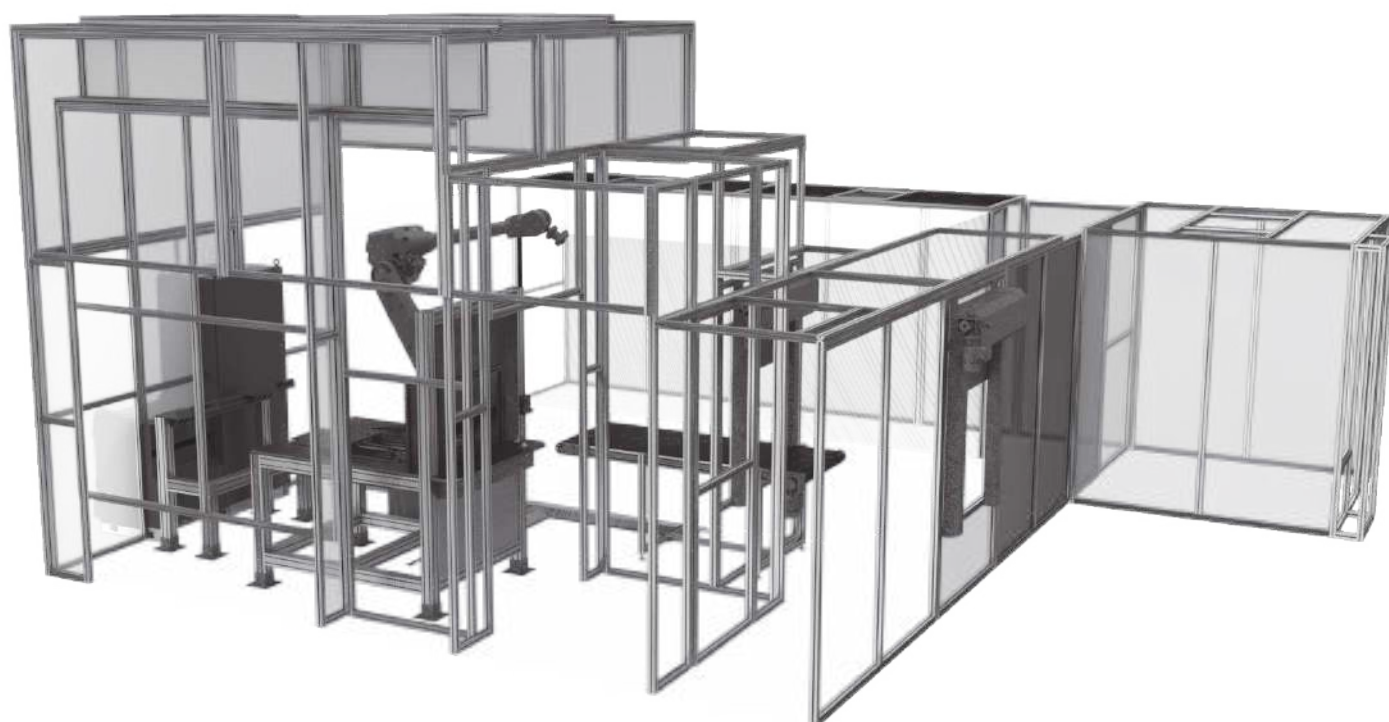
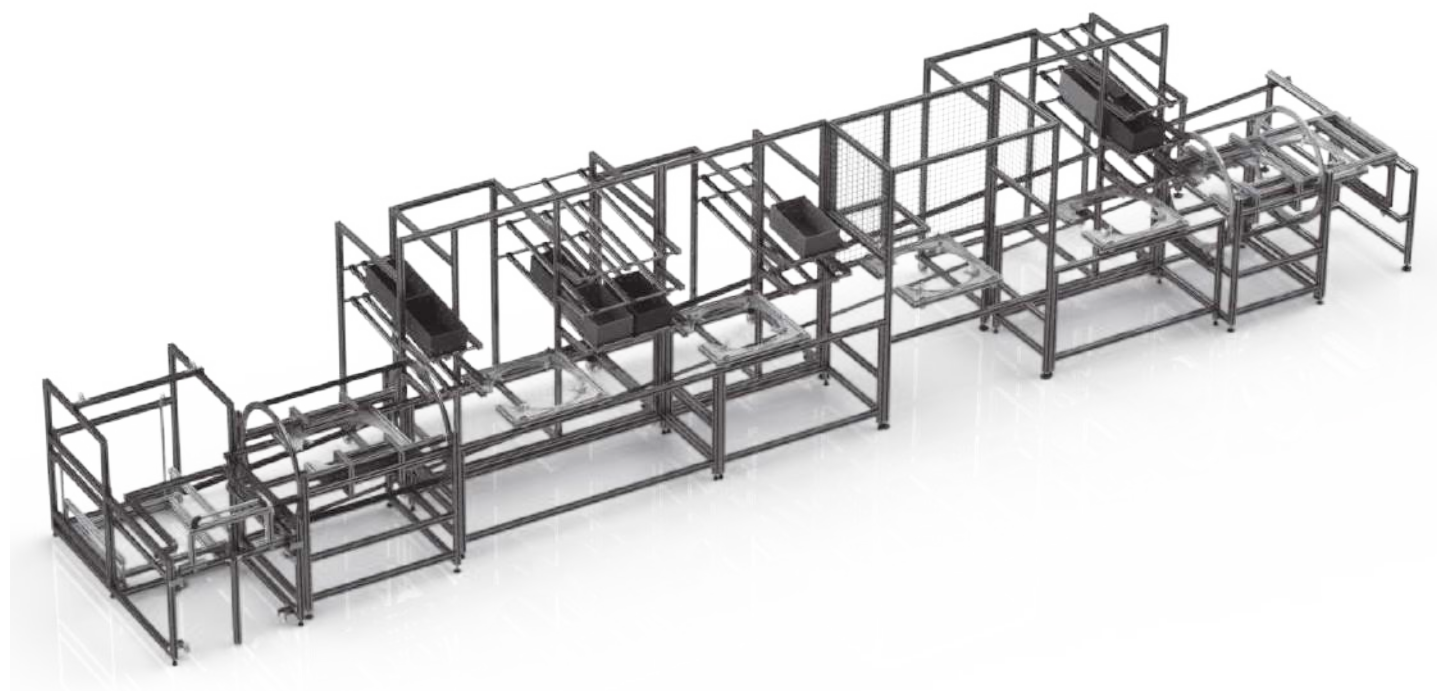
Mamparas de protección

Safety screens



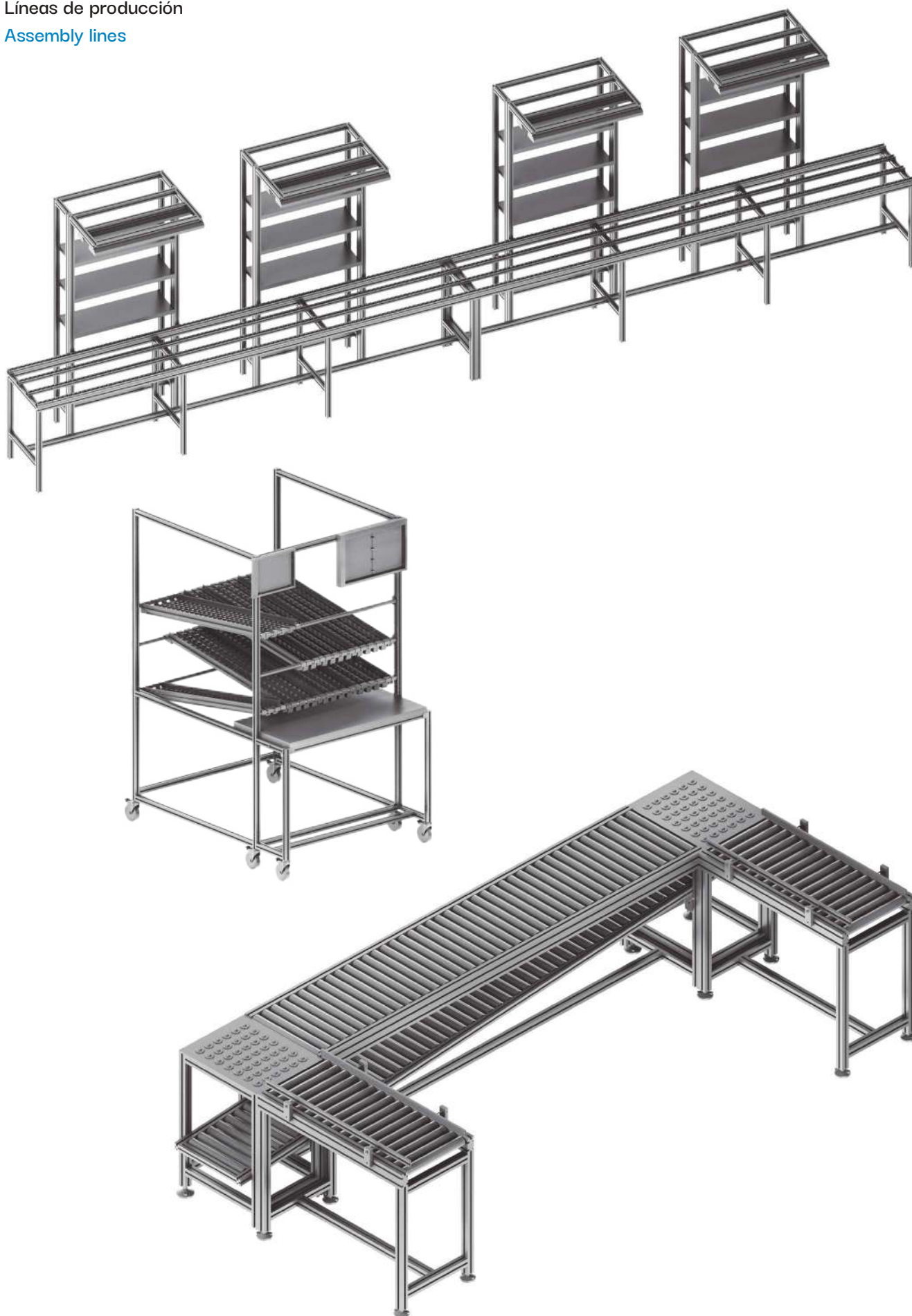
Líneas de producción

Assembly lines



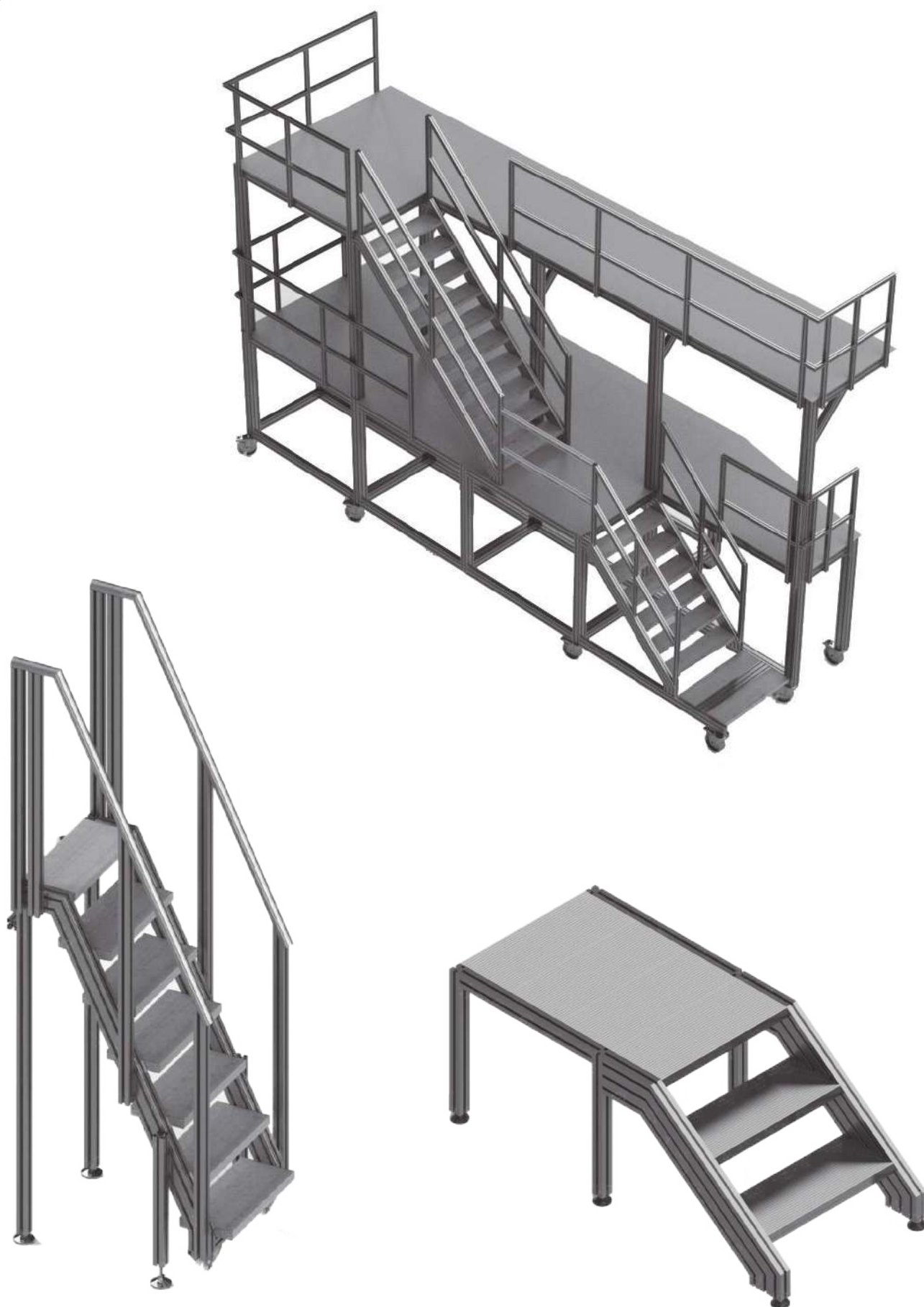
Líneas de producción

Assembly lines



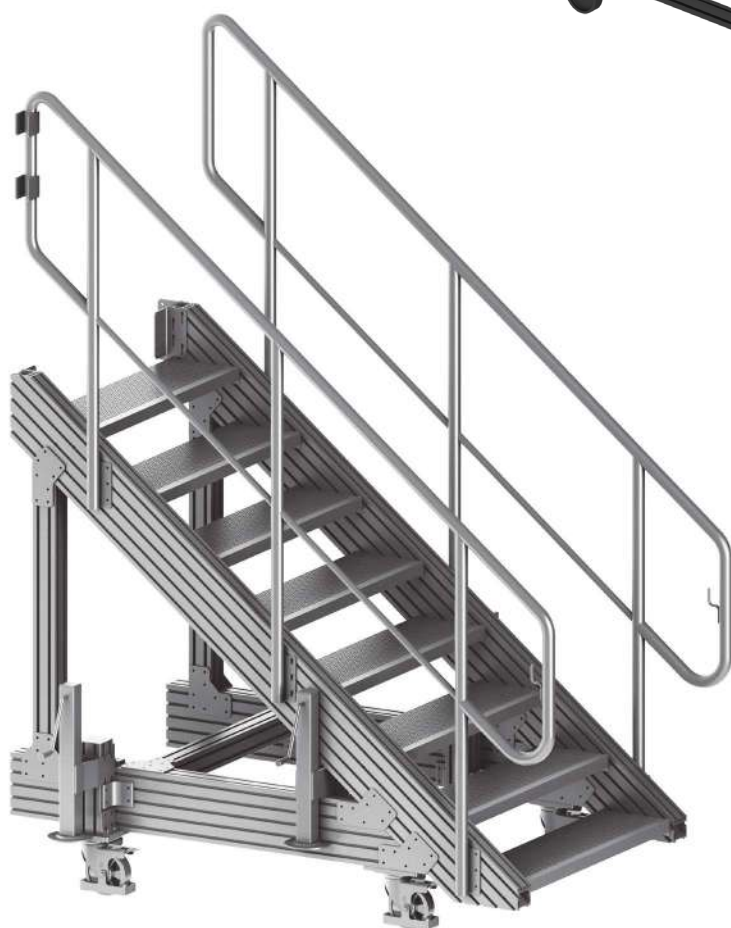
Escaleras

Stairs



Escaleras

Stairs





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