

Handhabungstechnik
Motore & Getriebe
Pneumatik
Hydraulik
Systemlösungen

as-tec
Mechatronik GmbH

Produktkatalog

Aluprofilserie IM



Systemlösungen

Über Uns








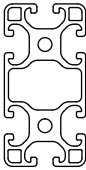
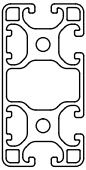

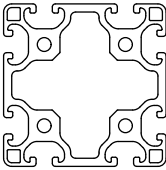
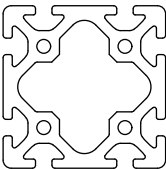

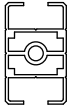
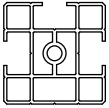

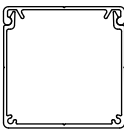
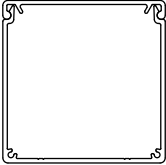
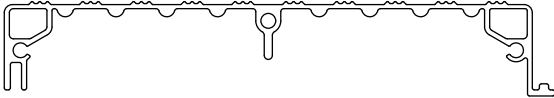
Die Firma **as-tec Mechatronik GmbH** ist ein herstellerunabhängiger Lieferant von Systemlösungen und Komponenten für pneumatische, hydraulische und elektrische Antriebs- und Steuerungstechnik.

Wir bieten unseren Kunden für ihre Projekte im Maschinen- und Anlagenbau, beziehungsweise für die Instandhaltung ihrer Fertigungseinrichtungen die am besten geeigneten Produkte aus unserem herstellerübergreifenden Produktportfolio.

In unserer Werkstätte produzieren wir kundenspezifische Lösungen wie zum Beispiel Ventileinheiten, Schaltschränke und Sonderzylinder. Weiters halten wir sowohl Standardkomponenten als auch speziell für Kunden bevorratete Produkte auf Lager.



PROFILI / PROFILES / PERFILES / PROFILÉS / PROFILE

<p>IM [5] [20]</p>	 084.116.001 PAG. 15	 084.116.002 PAG. 15							
<p>IM [6] [30]</p>	 084.117.001 PAG. 19								
<p>IM [8] [40]</p>	 084.114.001 PAG. 23	 084.114.002 PAG. 23	 084.114.007 PAG. 24	 084.114.008 PAG. 24	 084.114.003 PAG. 25	 084.114.009 PAG. 25	 084.114.004 PAG. 26	 084.114.005 PAG. 26	
 084.114.006 PAG. 27									
<p>RECINZIONI FENCES CERRAMIENTOS CLÔTURES UMZÄUNUNGEN</p>	 084.114.010 PAG. 31	 084.112.001 PAG. 31	 084.112.002 PAG. 32						
<p>SPECIALI SPECIALES ESPECIALES SPÉCIAUX BESONDERE</p>	 084.101.053 PAG. 35	 084.101.054 PAG. 35	 084.101.055 PAG. 36	 084.101.056 PAG. 37					



ACCESSORI / ACCESSORIES / ACCESORIOS / ACCESSOIRES / ZUBEHÖR

CHIUDICAVA / COVER PROFILES / PERFILES DE RECUBRIMIENTO / PROFILÉS DE FERMETURE / ABDECKPROFILE



pag. 39

VITERIA / SCREWS / TORNILLOS / VIS / SCHRAUBEN



pag. 42



pag. 46



pag. 53



pag. 54



pag. 55



pag. 56

GIUNTI / CONNECTORS / JUNTAS / ÉLÉMENTS DE LIAISON / BEFESTIGUNGSELEMENTE



pag. 59



pag. 60



pag. 62



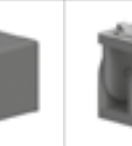
pag. 63



pag. 65



pag. 66



pag. 67



pag. 69



pag. 70

ANGOLARI / ANGLES / ANGULARES / EQUERRES DE FIXACION / WINKEL



pag. 71



pag. 77

PIEDI / FEET / PIES / PIEDS / STELFÜßE



pag. 79



pag. 81



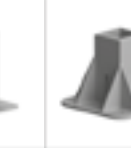
pag. 82



pag. 84



pag. 88



pag. 89



pag. 92

RUOTE / CASTORS / RUEDAS / ROULETTES / ROLLEN



pag. 93



pag. 96



pag. 97

PANNELLI / PANELS / PANELES / PANNEAUX / PLATTEN



pag. 98



pag. 100



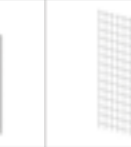
pag. 105



pag. 106



pag. 107



pag. 110

ACCESSORI / ACCESSORIES / ACCESORIOS / ACCESSOIRES / ZUBEHÖR

CERNIERE / HINGES / BISAGRAS / CHARNIÈRES / SCHARNIERE



pag. 111



pag. 116

MANIGLIE / HANDLES / MANIJAS / POIGNÉES / GRIFFE



pag. 118



pag. 121

ACCESSORI PER SPORTELLI / ACCESSORIES FOR DOORS / ACCESORIOS PARA PUERTAS / ACCESSOIRES POUR PORTES / ZUBEHÖR FÜR TORE



pag. 127



pag. 133



pag. 136

UTENSILI / TOOLS / HERRAMIENTAS / OUTILS / WERKZEUGE



pag. 141

SISTEMI DI MONTAGGIO / ASSEMBLY SYSTEMS / SISTEMAS DE MONTAJE / SISTÈMES DE MONTAGE / MONTAGESYSTEME



pag. 146

IT

Alusic significa una vasta gamma di accessori per profili in alluminio estruso. L'azienda si avvale di software all'avanguardia sia per quanto riguarda la modellazione 2D/3D che per la prototipazione rapida con tecnologia FDM (Fused Deposition Modeling).

Il continuo ampliamento della gamma di prodotti fa sì che all'interno del catalogo vi siano i componenti realizzati attraverso le più disparate tecnologie. Al fine di mantenere il cliente sempre informato sulle novità il sito www.alusic.com viene aggiornato quotidianamente.

Alusic inoltre dispone della certificazione ISO9001:2008 e della severa EN1090 a testimonianza del continuo impegno per garantire ai suoi clienti un elevato standard di qualità.

EN

Alusic is synonymous with a huge range of accessories for extruded aluminium profiles. The company uses cutting-edge technology, both for 2D/3D modeling and rapid prototyping using FDM (Fused Deposition Modeling).

The company's continual expansion of its product range means that our catalogue contains components produced using a wide range of technologies. Our website, www.alusic.com, is updated on a daily basis in order to keep our customers informed on all our news and innovations.

Alusic is ISO 9001:2008 and EN1090 certified: these strict certifications are testament to our continuous commitment to guaranteeing our customers the highest standards of quality.

ES

Alusic ofrece una extensa gama de accesorios para perfiles de aluminio extruido. La empresa utiliza softwares de vanguardia tanto para el modelado 2D/3D como para la creación rápida de prototipos con tecnología FDM (Fused Deposition Modeling).

La continua ampliación de la gama de productos hace que en el catálogo puedan encontrarse componentes fabricados con las más diversas tecnologías. Para mantener a los clientes siempre informados acerca de las novedades, la página Web www.alusic.com se actualiza diariamente.

Además, Alusic dispone de la certificación ISO 9001:2008 y de la estricta EN 1090, lo que demuestra el continuo esfuerzo para garantizar a sus clientes un elevado estándar de calidad.

FR

Alusic est synonyme de vaste gamme d'accessoires pour profilés en aluminium extrudé. L'entreprise dispose d'un logiciel d'avant-garde utilisé pour la modélisation 2D/3D et pour la réalisation rapide de prototypes à l'aide de la technologie FDM (Fused Deposition Modeling).

La constante extension de la gamme de produits est telle que le catalogue contient des composants réalisés en recourant aux technologies les plus diverses. Pour que le client soit toujours informé des nouveautés, le site www.alusic.com est quotidiennement actualisé.

De plus, Alusic dispose de la certification ISO 9001:2008 et respecte la très sévère norme EN 1090, attestant ainsi les constants efforts déployés afin de garantir aux clients de hauts standards de qualité.

DE

Alusic bietet eine große Auswahl an Zubehör für stranggepresste Aluminiumprofile. Das Unternehmen nutzt hochmoderne Software – sowohl für die 2D-/3D-Modellierung als auch für das Rapid Prototyping mit FDM-Technologie (Fused Deposition Modeling).

Dank der kontinuierlichen Erweiterung der Produktpalette finden sich im Katalog Komponenten, die durch unterschiedlichste Technologien geschaffen werden. Damit der Kunde stets über alle Neuigkeiten informiert ist, wird die Website www.alusic.com täglich aktualisiert.

Des Weiteren verfügt Alusic über eine Zertifizierung nach ISO 9001:2008 und nach der strengen EN 1090 – Zeugnis des stetigen Einsatzes des Unternehmens, um seinen Kunden einen hohen Qualitätsstandard zu garantieren.



FISSAGGIO DEI PROFILI

PROFILE FASTENING / FIJACIÓN DE LOS PERFILES / FIXATION DES PROFILÉS / BEFESTIGUNG DER PROFILE

La scelta del fissaggio tra i vari profili è molto importante e ne esistono di diversi tipi:

The choice of fasteners for the various profiles is very important, and there are numerous different types:

La elección de la fijación entre los distintos perfiles es muy importante y existen diferentes tipos:

Le choix des fixations entre les différents profilés revêt une grande importance; il en existe de différents types:

Die Wahl der Befestigungsart zwischen den unterschiedlichen Profilen ist äußerst wichtig und es gibt verschiedene Möglichkeiten:

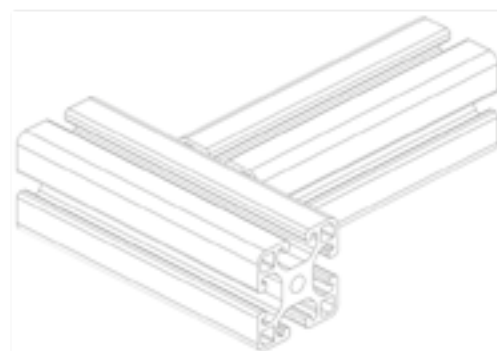
1. Fissaggio con vite in cava. Installazione semplice e veloce.

Fastening with screw in slot. Quick, simple installation.

Fijación con tornillo en la ranura. Instalación sencilla y rápida.

Fixation à vis dans la rainure. Installation simple et rapide.

Befestigung mit Schraube in Nut. Einfache und schnelle Installation.



2. Fissaggio con vite passante o lamatura.

Semplice e sicuro, garantisce l'antisfilamento dei particolari in caso di allentamento delle viti.

Fastening with through screw or counterbore.

Secure and simple, this solution ensures that parts will not slip if the screws come loose.

Fijación con tornillo pasante o avellanado.

Sencillo y seguro, garantiza que los componentes no se desacoplen en caso de aflojamiento de los tornillos.

Fixation à vis traversante ou lamage.

Simple et sûre, cette fixation prévient le déboîtement des pièces en cas de desserrage des vis.

Befestigung mit Durchsteckschraube oder Senkung.

Einfach und sicher, garantiert die Sicherung der Teile im Falle eines Lösens der Schrauben.



VITE + RONDELLA / SCREW + WASHER / TORNILLO + ARANDELA / VIS + RONDELLE / SCHRAUBE + UNTERLEGSCHEIBE
084.301.039 + 084.303.007 PER CAVA 8 / FOR SLOT 8 / PARA RANURA 8 / POUR RAINURE 8 / FÜR NUT 8

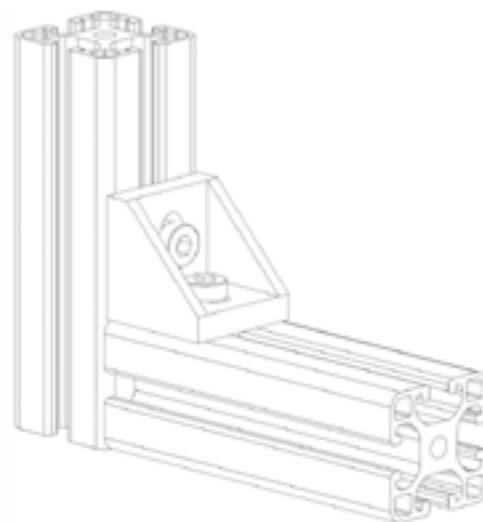
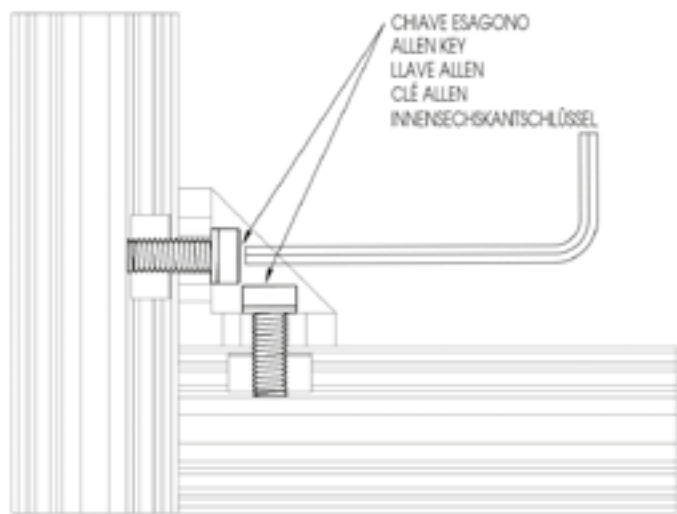
3. Fissaggio con angolari o connettori. Grande possibilità di regolazione e facilità di montaggio.

Fastening with angles or connectors. Wide possibility for adjustment and ease of installation.

Fijación con escuadras o acopladores. Gran posibilidad de ajuste y facilidad de montaje.

Fixation à cornières ou connecteurs. Grande possibilité de réglage et facilité de montage.

Befestigung mit Winkelverbindern oder Verbindungsstücken. Zahlreiche Einstellmöglichkeiten und einfache Montage.



FILETTATURA DEI PROFILI

THREADING OF PROFILES / ROSCADO DE LOS PERFILES / FILETAGE DES PROFILÉS / GEWINDE DER PROFILE

Nella realizzazione delle filettature si consiglia di rispettare le profondità (L (mm)) riportate nella tabella seguente:

When making the threads, we recommend that you follow the depths (L (mm)) given in the following table:

A la hora de realizar los roscados, se aconseja respetar las profundidades (L (mm)) indicadas en la siguiente tabla:

Pour la réalisation des filetages, il est recommandé de respecter les profondeurs (L (mm)) indiquées dans le tableau ci-après :

Bei der Ausführung der Gewinde sollten die in der folgenden Tabelle angegebenen Tiefen (L (mm)) eingehalten werden:

Cava / Slot / Ranura / Rainure / Nut	M	L (mm)
5	5	10
6	6	15
8	8	25

Le coppie massime di serraggio (C MAX) consigliate per le viti per i vari componenti del catalogo Alusic (salvo diverse specifiche o applicazioni particolari valutabili caso per caso) sono le seguenti:

The maximum screw tightening torque (C MAX) suggested for the assembly of Alusic components (unless otherwise specified or particular applications to be assessed on a case-by-case basis) is as follows:

Los pares de apriete máximos (C MAX) recomendados para los tornillos destinados al montaje de los distintos componentes del catálogo Alusic (salvo que se especifique otra cosa o para aplicaciones especiales, que deben evaluarse caso por caso) son los siguientes:

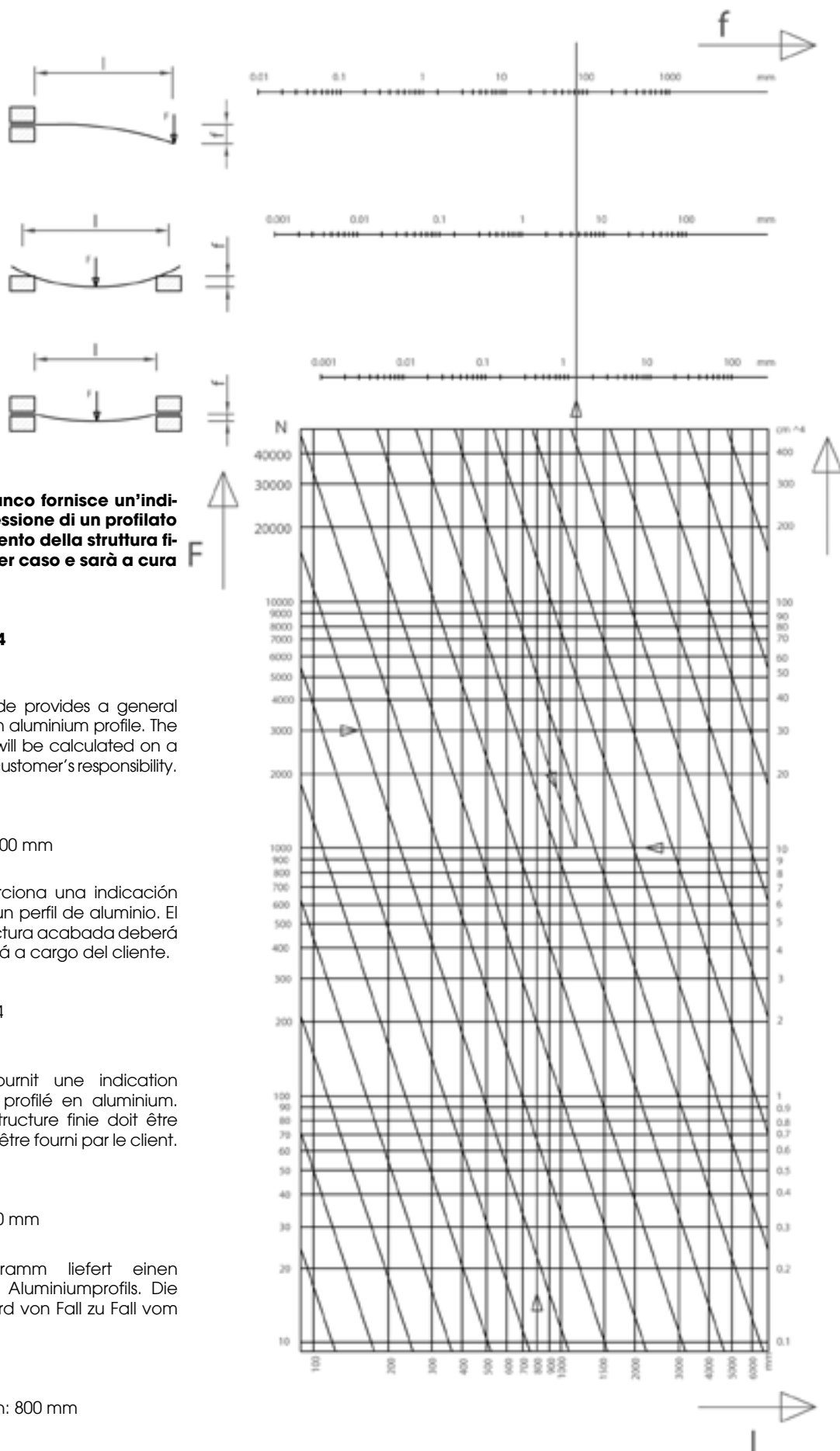
Les couples de serrage maximal des vis (C MAX) recommandés pour les vis des différents composants du catalogue Alusic (sauf indication contraire ou applications particulières à évaluer au cas par cas) sont les suivants:

Die maximalen Anzugsmomente (C MAX), die für die Schrauben für die verschiedenen Komponenten des Alusic-Katalogs empfohlen werden (sofern nicht anders angegeben oder bei besonderen Anwendungen, die für den jeweiligen Fall zu bewerten sind), sind folgende:

Cava / Slot / Ranura / Rainure / Nut	M	C MAX
5	5	6
6	6	10
8	8	20

DIAGRAMMA CARICO/INFLESSIONE

LOAD/BENDING DIAGRAM / DIAGRAMA CARGA/INFLEXIÓN / DIAGRAMME CHARGE/FLEXION / LAST-BIEGEDIAGRAMM



Il diagramma riportato a fianco fornisce un'indicazione di massima della flessione di un profilato in alluminio. Il dimensionamento della struttura finita andrà calcolato caso per caso e sarà a cura del cliente.

Esempio:

Carico: 3000N

Momento di inerzia: 10 cm⁴

Distanza appoggi: 800 mm

The diagram shown to the side provides a general indication of the bending of an aluminium profile. The sizing of the finished structure will be calculated on a case-by-case basis, and is the customer's responsibility. Example:

Load: 3000 N

Moment of inertia: 10 cm⁴

Distance between supports: 800 mm

El diagrama contiguo proporciona una indicación aproximada de la flexión de un perfil de aluminio. El dimensionamiento de la estructura acabada deberá calcularse caso por caso y será a cargo del cliente. Ejemplo:

Carga: 3000 N

Momento de inercia: 10 cm⁴

Distancia apoyos: 800 mm

Le diagramme ci-contre fournit une indication générale de la flexion d'un profilé en aluminium. Le dimensionnement de la structure finie doit être calculé au cas par cas et doit être fourni par le client. Exemple:

Charge: 3000 N

Moment d'inertie: 10 cm⁴

Espacement des supports: 800 mm

Das nebenstehende Diagramm liefert einen Richtwert der Biegung eines Aluminiumprofils. Die Größe der fertigen Struktur wird von Fall zu Fall vom Kunden berechnet.

Beispiel:

Last: 3000 N

Trägheitsmoment: 10 cm⁴

Abstand zwischen den Stützen: 800 mm

SIMBOLI / SYMBOLS / SÍMBOLOS / SYMBOLES / SYMBOLE



Prodotto per profili serie 20 cava 5 IM

Product for series 20 5 IM slot profiles
 Producto para perfiles con ranura 5 IM serie 20
 Produit pour profilés rainure 5 IM série 20
 Produkt für Profile 5 IM Nut Reihe 20



Prodotto per profili serie 30 cava 6 IM

Product for series 30 6 IM slot profiles
 Producto para perfiles con ranura 6 IM serie 30
 Produit pour profilés rainure 6 IM série 30
 Produkt für Profile 6 IM Nut Reihe 30



Prodotto per profili serie 40 cava 8 IM

Product for series 40 8 IM slot profiles
 Producto para perfiles con ranura 8 IM serie 40
 Produit pour profilés rainure 8 IM série 40
 Produkt für Profile 8 IM Nut Reihe 40



Scatola

Box
 Caja
 Boîte
 Schachtel



Portata

Load
 Carga
 Charge
 Tragkraft

NEW

Prodotto nuovo

New product
 Nuevo producto
 Nouveau produit
 Neues Produkt

INOX

Prodotto in inox

Stainless steel product
 Producto de acero inoxidable
 Produit en acier inoxydable
 Produkt aus rostfreiem Stahl

ITALIAN PATENT

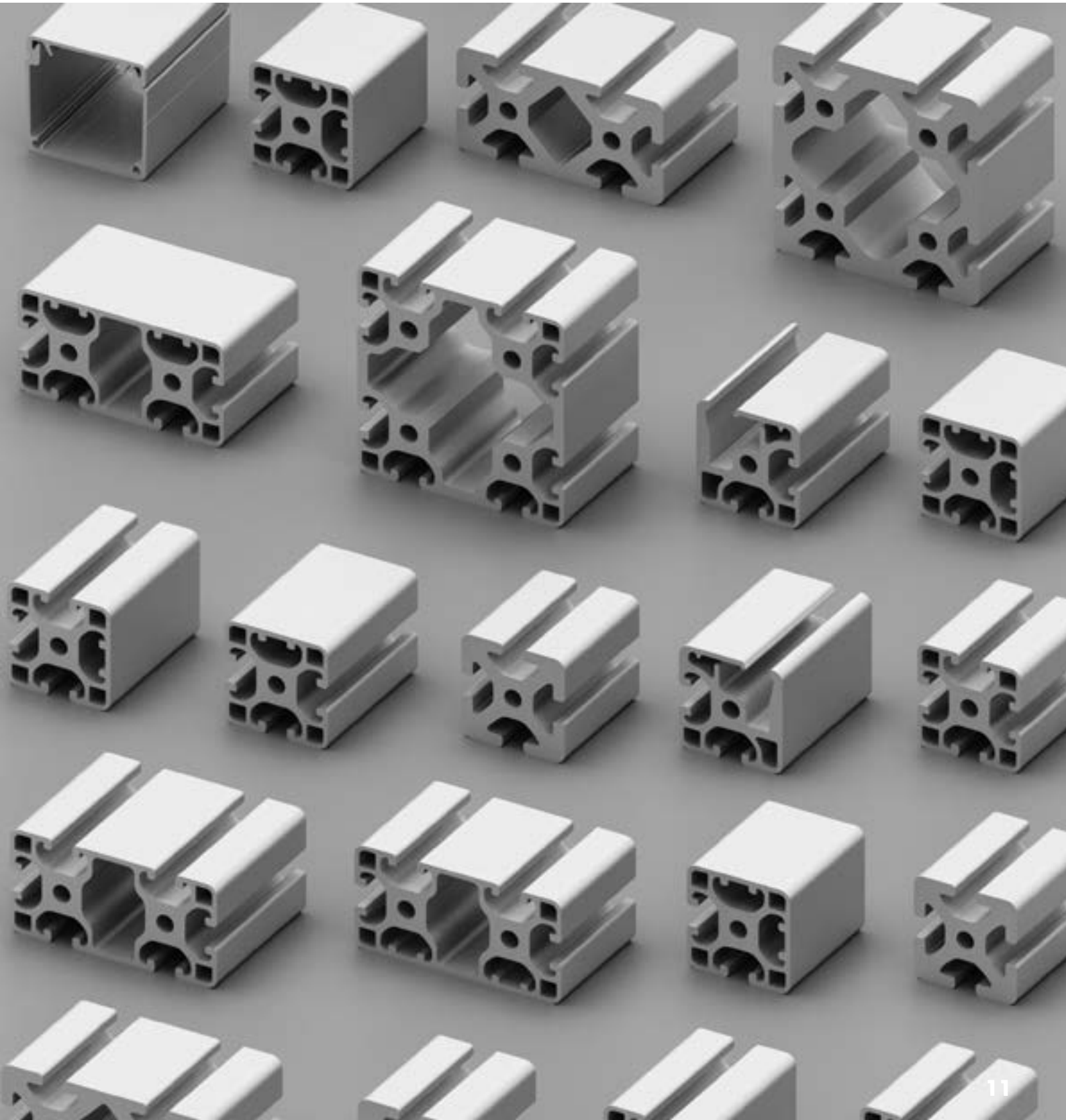
Prodotto brevettato

Patented product
 Producto patentado
 Produit breveté
 Patentiertes Produkt

PATENT

PROFILI STANDARD

STANDARD PROFILES
PERFILES ESTÁNDARES
PROFILÉS STANDARD
STANDARD-PROFILE



PROFILI STRUTTURALI ALUSIC

ALUSIC STRUCTURAL PROFILES / PERFILES ESTRUCTURALES ALUSIC / PROFILÉS STRUCTURELS ALUSIC / ALUSIC STRUKTURELLE PROFILE

IT Tutti i profili del catalogo Alusic sono realizzati per estrusione di lega di alluminio primario EN-AW 6060 (Al Mg Si 0.5) o a richiesta in lega di alluminio primario EN-AW 6063.

Lo stato metallurgico di fornitura è T5/T6 (solubilizzato, temprato e invecchiato artificialmente). Le barre sono normalmente fornite anodizzate con profondità di trattamento in classe 12 µm (a richiesta la maggior parte dei profili può essere fornita grezza). Le tolleranze generali seguite per l'estrusione dei profili seguono la norma UNI-EN 12020-2.

EN All profiles in the Alusic catalogue are extruded from EN-AW 6060 (Al Mg Si 0.5) primary aluminium alloy, or on request from EN-AW 6063 primary aluminium alloy.

The aluminium used is supplied as T5/T6 temper (cooled from hot working/solution heat treated and artificially aged). The bars are normally supplied with a 12 µm anodising treatment (on request, most profiles can also be supplied as mill finish). The tolerances applied when extruding the profiles follow EN 12020-2.

ES Todos los perfiles del catálogo Alusic están fabricados mediante extrusión de aleación de aluminio primario EN-AW 6060 (Al-Mg-Si 0.5) o, bajo solicitud, en aleación de aluminio primario EN-AW 6063.

El estado metalúrgico en que se suministran es T5/T6 (solubilizado, templado y envejecido artificialmente). Las barras normalmente se suministran anodizadas, con una profundidad de tratamiento de 12 µm (bajo solicitud, la mayor parte de los perfiles puede suministrarse en bruto). Las tolerancias generales conseguidas mediante la extrusión de los perfiles son acordes a la norma UNI-EN 12020-2.

FR Tous les profilés du catalogue Alusic sont réalisés par extrusion à partir d'alliage d'aluminium primaire EN-AW 6060 (Al Mg Si 0.5) ou sur demande en alliage d'aluminium primaire EN-AW 6063.

L'état métallurgique de fourniture est l'état T5/T6 (solutionné, trempé et vieilli artificiellement). Les barres sont fournies anodisées avec une profondeur de traitement en classe 12 µm (sur demande, la plupart des profilés peuvent être fournis bruts). Les tolérances générales appliquées à l'extrusion des profilés respectent la norme UNI-EN 12020-2.

DE Alle Profile des Alusic-Katalogs werden mittels Strangpressen aus der Primäraluminiumlegierung EN-AW 6060 (Al Mg Si 0,5) oder auf Anfrage aus der Primäraluminiumlegierung EN-AW 6063 hergestellt.

Der metallurgische Lieferzustand ist T5/T6 (Lösungsgeglüht, abgeschreckt aus der Warmumformungstemperatur und warmausgehärtet). Normalerweise werden die Stangen dem Eloxalverfahren unterzogen und haben eine 12 µm dicke Schutzschicht (auf Anfrage sind die meisten der Profile auch ohne Eloxierung erhältlich). Für die Strangpressung der Profile wurden die allgemeinen Toleranzen der Norm UNI EN 12020-2 eingehalten.

COMPOSIZIONE DELLE LEGHE

ALLOYS CHEMICAL COMPOSITION / COMPOSICIÓN QUÍMICA DE LAS ALEACIONES

COMPOSITION CHIMIQUE DES ALLIAGES / CHEMISCHE ZUSAMMENSETZUNG DER LEGIERUNGEN

EN-AW	Cu	Fe	Mn	Mg	Si	Zn	Cr	Ti	Al
6060	0.10	0.1-0.3	0.10	0.35-0.6	0.3-0.6	0.15	0.05	0.10	dal 98% al 99%
6063	0.10	0.35	0.10	0.45-0.9	0.2-0.6	0.10	0.10	0.10	dal 97,5% al 98,5%

CARATTERISTICHE MECCANICHE

MECHANICAL PROPERTIES / CARACTERÍSTICAS MECÁNICAS

CARACTÉRISTIQUES MÉCANIQUES / MECHANISCHE EIGENSCHAFTEN

EN-AW	Rm (N/mm ²)	Rp0,2 (N/mm ²)	A (%)	HB
6060	0.15	0.05	0.10	Resto
6063	0.10	0.10	0.10	Resto

CARATTERISTICHE FISICHE

PHYSICAL PROPERTIES / CARACTERÍSTICAS FÍSICAS

CARACTÉRISTIQUES PHYSIQUES / PHYSIKALISCHE EIGENSCHAFTEN

E (N/mm ²)	69000
ρ (Ω mm ² /m)	0.033
λ W/mK	210
T _m (C°)	615 - 655

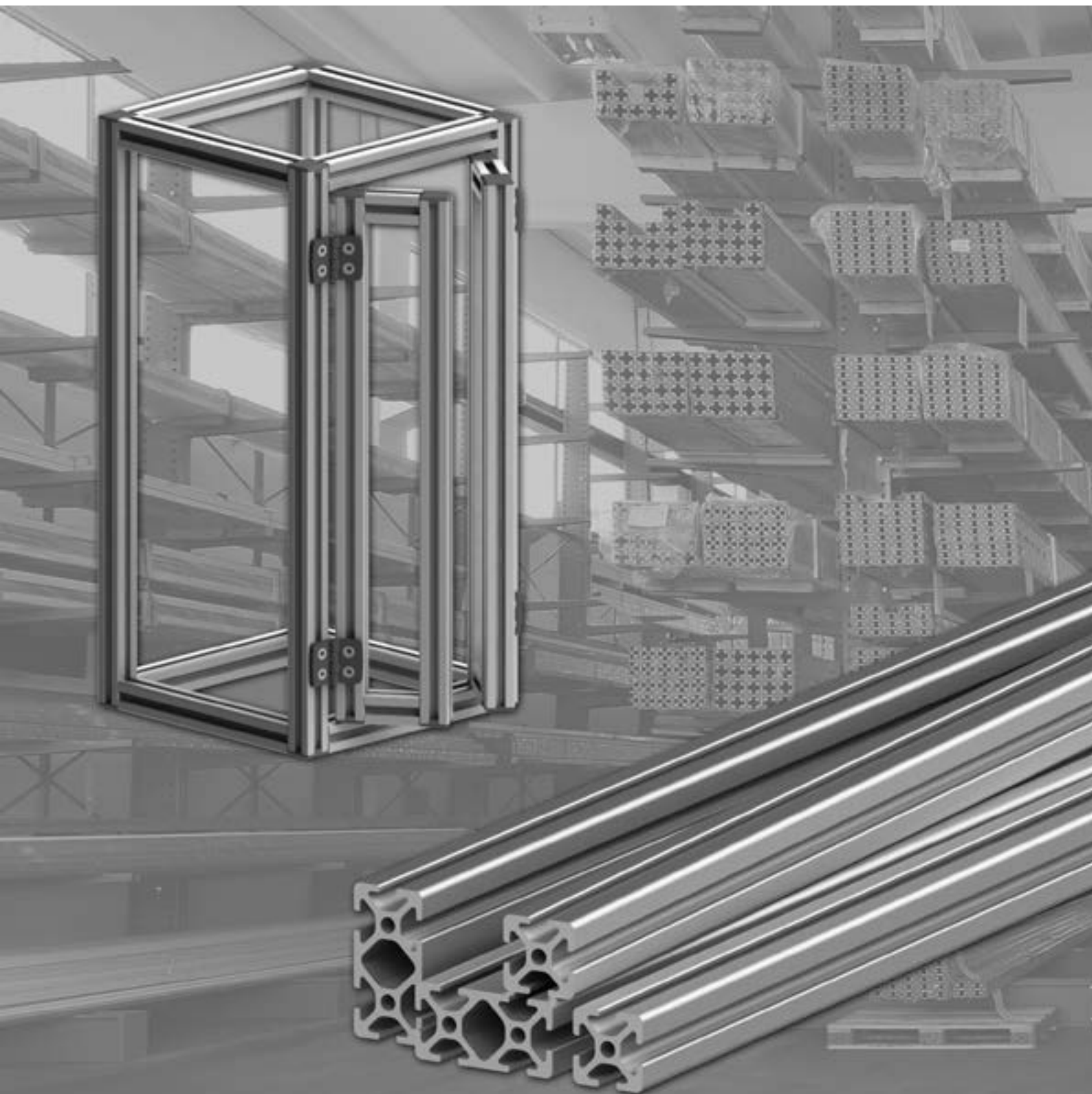
PROFILI SERIE 20 CAVA 5 IM

PROFILES SERIES 20 SLOT 5 IM

PERFILES SERIE 20 RANURA 5 IM

PROFILÉS SÉRIE 20 RAINURE 5 IM

PROFILE REIHE 20 NUT 5 IM



IT

I profili Alusic serie 20, dotati di una cava di fissaggio da 5 mm a "T", rappresentano una delle linee più leggere del catalogo.

La serie permette il fissaggio con viti M5 tramite gli opportuni accessori di fissaggio o tramite filettatura M5 alle estremità delle barre. Per quanto riguarda i dadi sono disponibili con filetti M4 e M5; possono essere inseriti in qualunque punto della cava anche successivamente al primo montaggio della struttura.

EN

Alusic series 20 profiles, featuring a 5 mm fastening T-slot, are one of the lightest ranges in the Alusic catalogue.

This range can be fastened with M5 hardware using suitable accessories, or by M5 threading at the ends of the bars. Nuts are available with M4 and M5 threads; they can be inserted at any point in the slot, even following initial assembly of the structure.

ES

Los perfiles Alusic serie 20, dotados de una ranura de fijación de 5 mm en "T", conforman una de las líneas más ligeras del catálogo.

La serie permite la fijación con tornillos M5 mediante los correspondientes accesorios de fijación o mediante roscado M5 en los extremos de las barras. En lo que respecta a las tuercas, están disponibles con roscas M4 y M5; pueden insertarse en cualquier punto de la ranura, incluso con posterioridad al primer montaje de la estructura.

FR

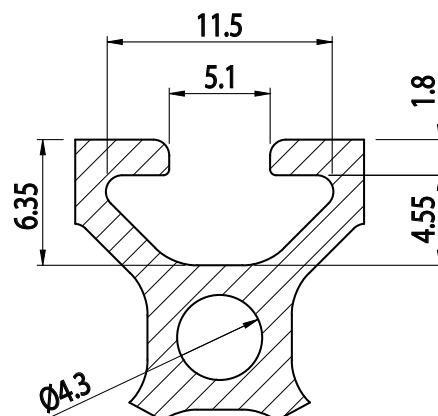
Les profilés Alusic série 20, dotés d'une rainure de fixation de 5 mm en « T », constituent une des lignes les plus légères du catalogue.

La série permet la fixation à l'aide de vis M5, au moyen des accessoires de fixation appropriés ou par filetage M5 à l'extrémité des barres. Concernant les écrous, ils sont disponibles avec filetages M4 et M5 ; ils peuvent être introduits à hauteur de tout point de la rainure, y compris après le premier montage de la structure.

DE

Die Alusic-Profilen der Reihe 20 mit T-förmiger Befestigungsnut zu 5 mm stellen eine der leichtesten Produktlinien des Katalogs dar.

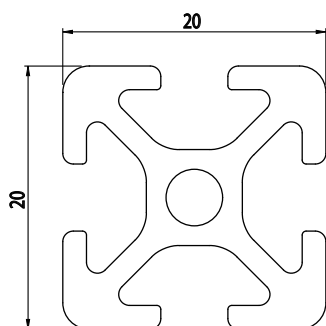
Die Reihe ermöglicht die Befestigung mit Schrauben M5 durch das geeignete Befestigungszubehör oder durch Gewinde M5 an den Stangenenden. Die Muttern sind mit Gewinden M4 und M5 erhältlich; sie können an jeder Stelle der Nut eingesetzt werden, auch nach der Erstmontage der Struktur.



20x20

NEW

IM 5 20



CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.116.001	0,75	0,75	0,75	0,75	183,13	0,49

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Colore naturale

Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

L=6,040m

Tappo - Cap - Tapòn - Embout - Abdeckkappe

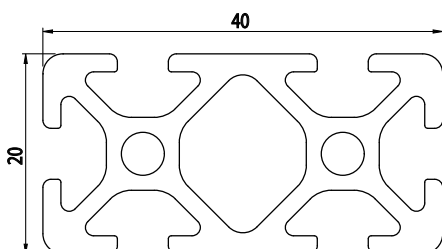


CODICE	Materiale	g	Colore
084.201.080	PA	3	■

20x40

NEW

IM 5 20



CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.116.002	1,41	5,15	1,41	2,58	330,6	0,89

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Colore naturale

Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

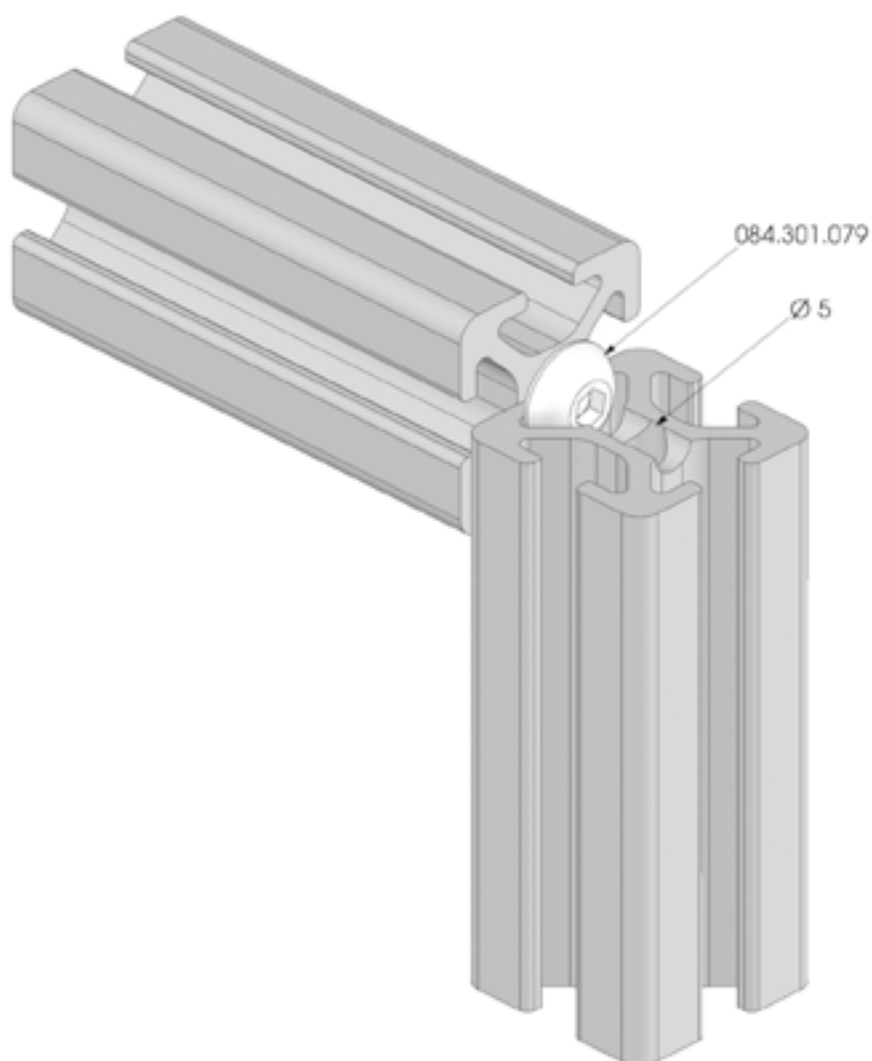
L=6,040m

Tappo - Cap - Tapòn - Embout - Abdeckkappe



CODICE	Materiale	g	Colore
084.201.081	PA	5	■

SISTEMI DI MONTAGGIO
 ASSEMBLY SYSTEMS
 SISTEMAS DE MONTAJE
 SISTÈMES DE MONTAGE
 MONTAGESYSTEME



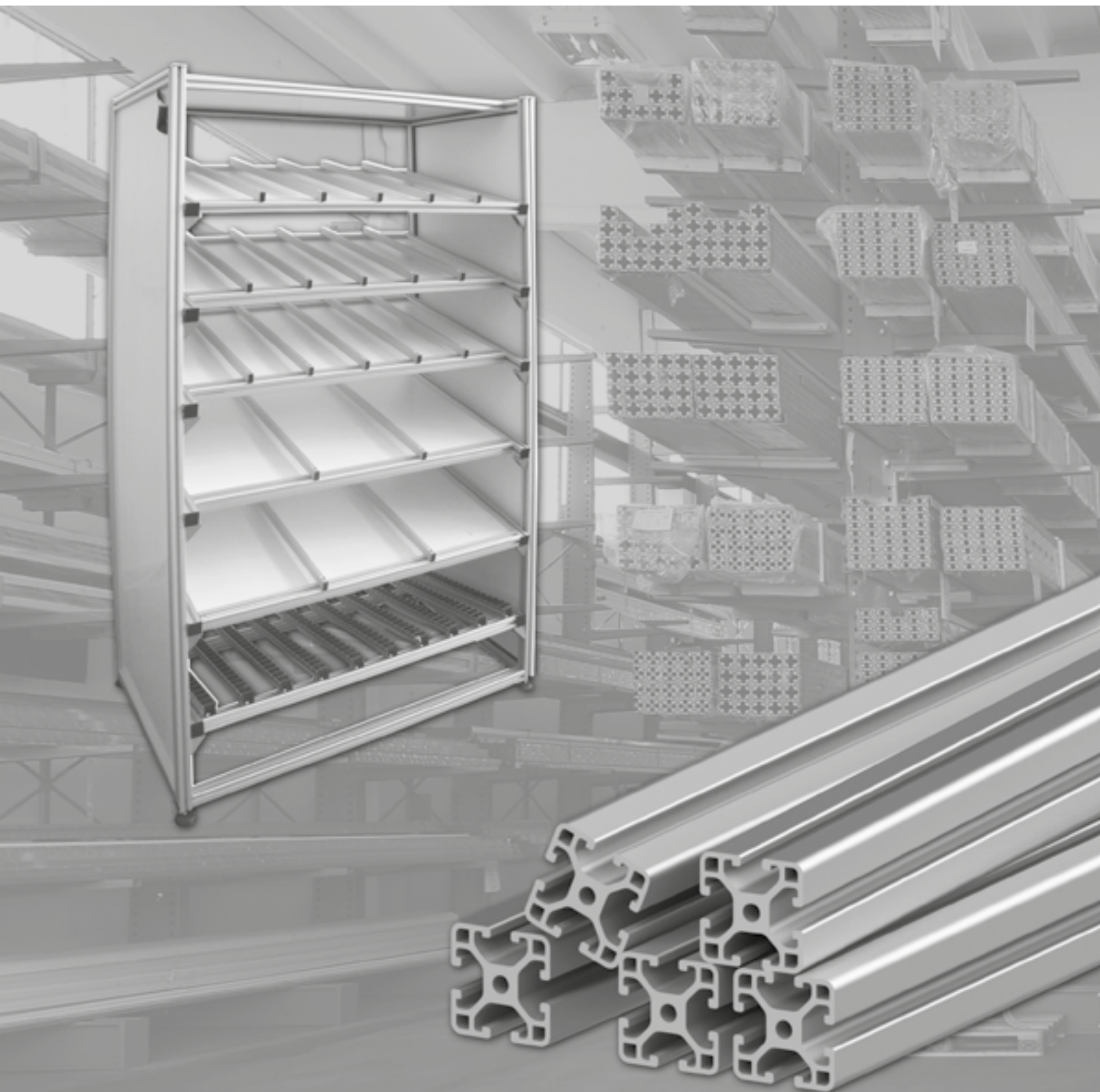
PROFILI SERIE 30 CAVA 6 IM

PROFILES SERIES 30 SLOT 6 IM

PERFILES SERIE 30 RANURA 6 IM

PROFILÉS SÉRIE 30 RAINURE 6 IM

PROFILE REIHE 30 NUT 6 IM



IT

I profili Alusic serie 30, dotati di una cava di fissaggio da 6 mm a "T", rappresentano una delle linee con il migliore rapporto peso/resistenza meccanica.

La serie permette il fissaggio con viti M6 tramite gli opportuni accessori di fissaggio o tramite filettatura M6 alle estremità delle barre. Per quanto riguarda i dadi sono disponibili con filetti M4, M5 e M6; possono essere inseriti in qualunque punto della cava anche successivamente al primo montaggio della struttura.

EN

Alusic series 30 profiles, featuring an 6 mm fastening T-slot, are one of the ranges with the best strength-weight ratios.

This range can be fastened with M6 hardware using suitable accessories, or by M6 threading at the ends of the bars. Nuts are available with M4, M5 and M6 threads; they can be inserted at any point in the slot, even following initial assembly of the structure.

ES

Los perfiles Alusic serie 30, dotados de una ranura de fijación de 6 mm en "T", conforman una de las líneas con la mejor relación peso-resistencia mecánica.

La serie permite la fijación con tornillos M6 mediante los correspondientes accesorios de fijación o mediante roscado M6 en los extremos de las barras. En lo que respecta a las tuercas, están disponibles con roscas M4, M5 y M6; pueden insertarse en cualquier punto de la ranura, incluso con posterioridad al primer montaje de la estructura.

FR

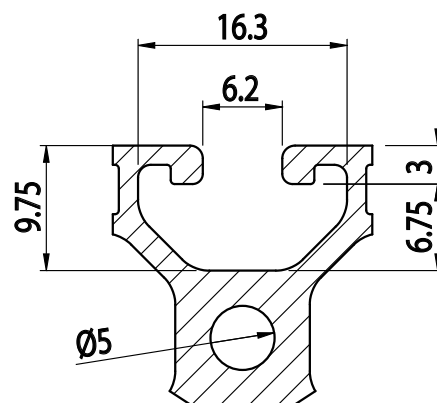
Les profilés Alusic série 30, dotés d'une rainure de fixation de 6 mm en « T », représentent l'une des lignes offrant le meilleur rapport poids/résistance mécanique.

La série permet la fixation à l'aide de vis M6, au moyen des accessoires de fixation appropriés ou par filetage M6 à l'extrémité des barres. Concernant les écrous, ils sont disponibles avec filetages M4, M5 et M6 ; ils peuvent être introduits à hauteur de tout point de la rainure, y compris après le premier montage de la structure.

DE

Die Alusic-Profil der Reihe 30 mit T-förmiger Befestigungsnut zu 6 mm stellen eine der Produktlinien mit dem besten Verhältnis zwischen Gewicht und mechanischer Festigkeit dar.

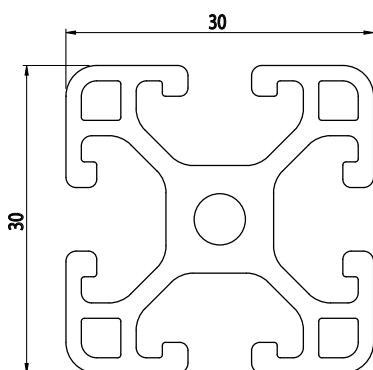
Die Reihe ermöglicht die Befestigung mit Schrauben M6 durch das geeignete Befestigungszubehör oder durch Gewinde M6 an den Stangenenden. Die Muttern sind mit Gewinden M4, M5 und M6 erhältlich; sie können an jeder Stelle der Nut auch nach der Erstmontage der Struktur eingesetzt werden.



30x30

NEW

IM 30



CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.117.001	2,95	2,95	1,97	1,97	346,86	0,94

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Colore naturale

Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

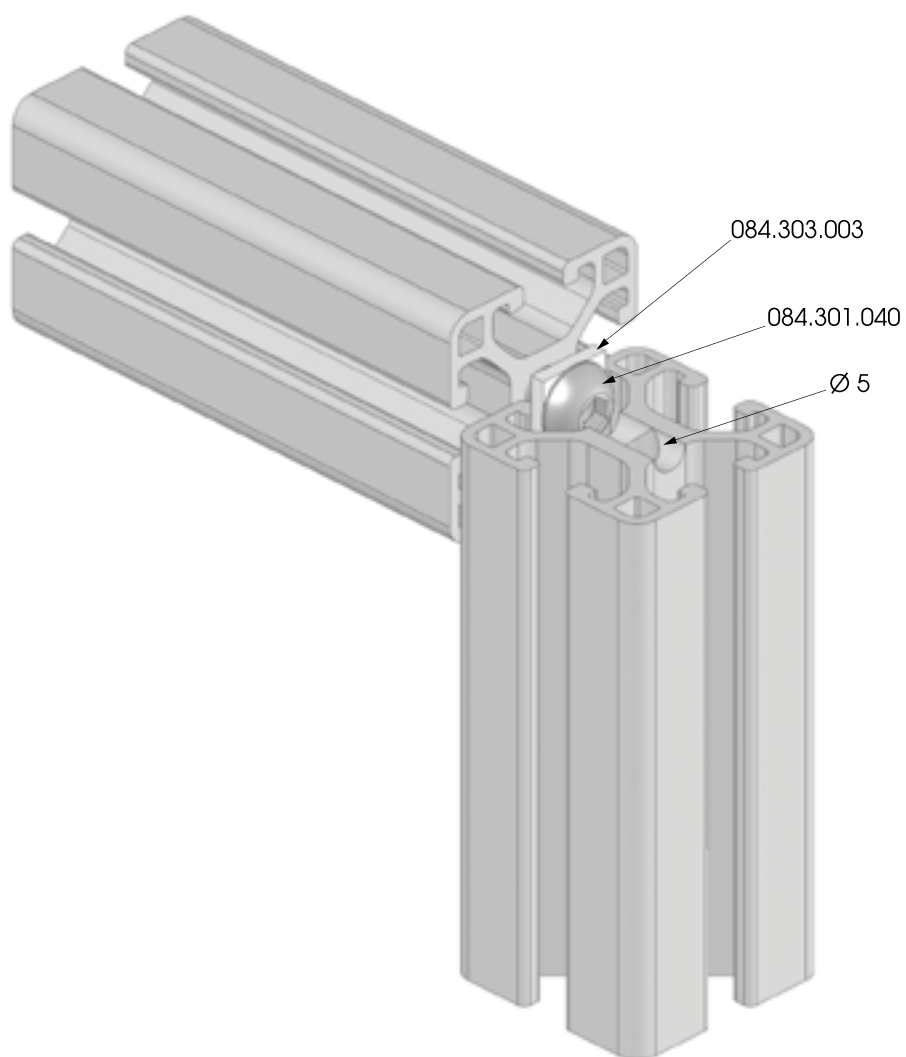
L=6,040m

Tappo - Cap - Tapòn - Embout - Abdeckkappe



CODICE	Materiale	g	Colore
084.201.082	PA	4	■

SISTEMI DI MONTAGGIO
ASSEMBLY SYSTEMS
SISTEMAS DE MONTAJE
SISTÈMES DE MONTAGE
MONTAGESYSTEME



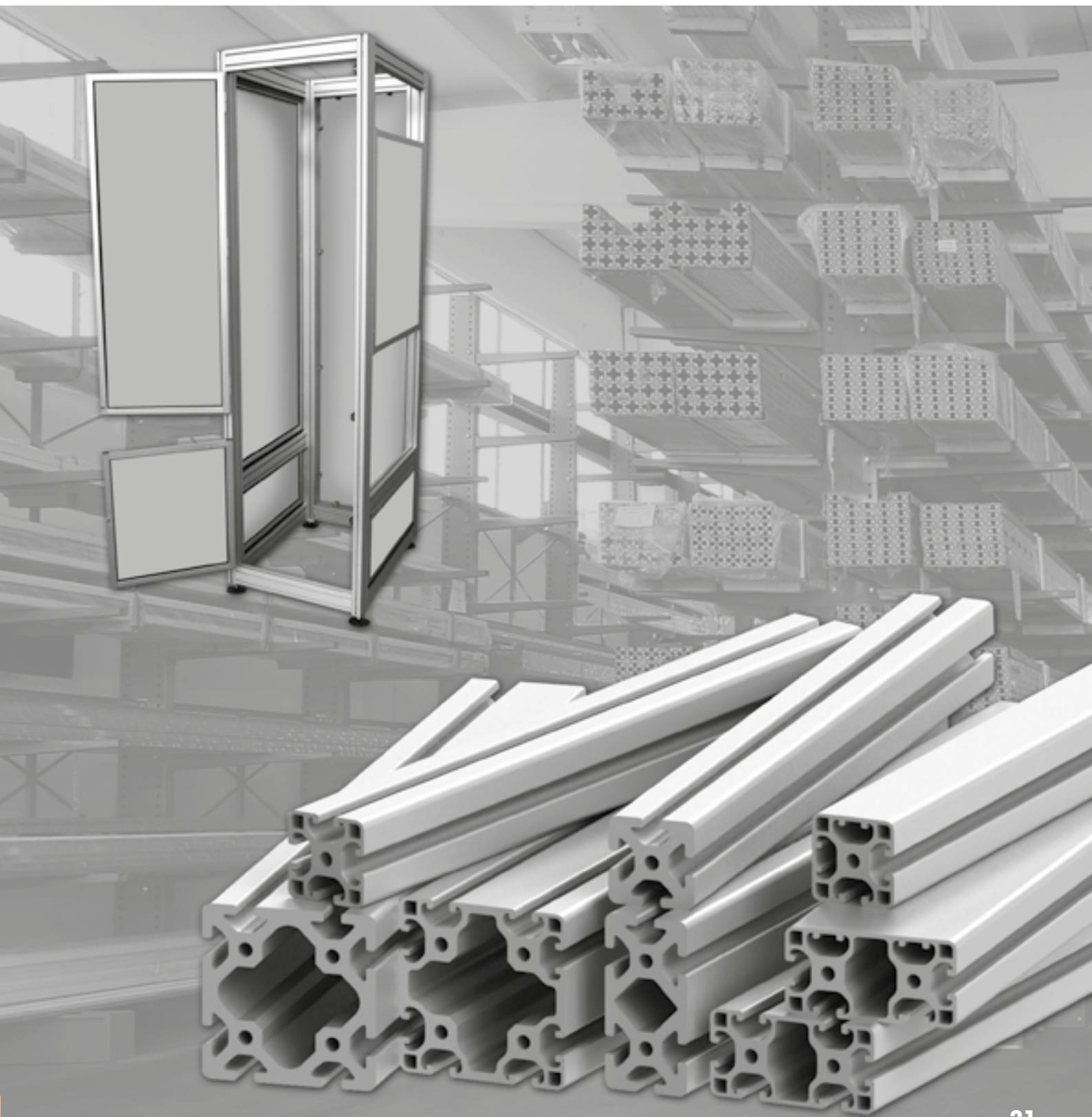
PROFILI SERIE 40 CAVA 8 IM

PROFILES SERIES 40 SLOT 8 IM

PERFILES SERIE 40 RANURA 8 IM

PROFILÉS SÉRIE 40 RAINURE 8 IM

PROFILE REIHE 40 NUT 8 IM



IT I profili Alusic serie 40, dotati di una cava di fissaggio da 8 mm a "T", rappresentano il giusto compromesso tra leggerezza e robustezza.

La serie permette il fissaggio con viti M8 tramite gli opportuni accessori di fissaggio o tramite filettatura alle estremità delle barre. Per quanto riguarda i dadi sono disponibili con filetti M4, M5, M6 e M8; possono essere inseriti in qualunque punto della cava anche successivamente al primo montaggio della struttura.

EN Alusic series 40 profiles, featuring a 8 mm fastening T-slot, represent the perfect compromise between lightness and solidity.

This range can be fastened with M8 hardware using suitable accessories, or by threading at the ends of the bars. Nuts are available with M4, M5, M6 and M8 threads; they can be inserted at any point in the slot, even following initial assembly of the structure.

ES Los perfiles Alusic serie 40, dotados de una ranura de fijación de 8 mm en "T", ofrecen un equilibrio perfecto entre ligereza y robustez.

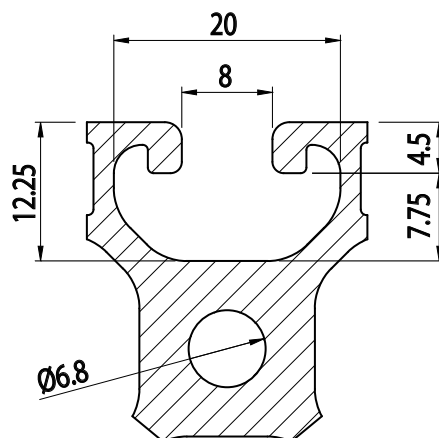
La serie permite la fijación con tornillos M8 mediante los correspondientes accesorios de fijación o mediante roscado en los extremos de las barras. En lo que respecta a las tuercas, están disponibles con roscas M4, M5, M6 y M8; pueden insertarse en cualquier punto de la ranura, incluso con posterioridad al primer montaje de la estructura.

FR Les profilés Alusic série 40, dotés d'une rainure de fixation de 8 mm en « T », représentent le juste compromis entre légèreté et robustesse.

La série permet la fixation à l'aide de vis M8, au moyen des accessoires de fixation appropriés ou par filetage à l'extrémité des barres. Concernant les écrous, ils sont disponibles avec filetages M4, M5, M6 et M8 ; ils peuvent être introduits à hauteur de tout point de la rainure, y compris après le premier montage de la structure.

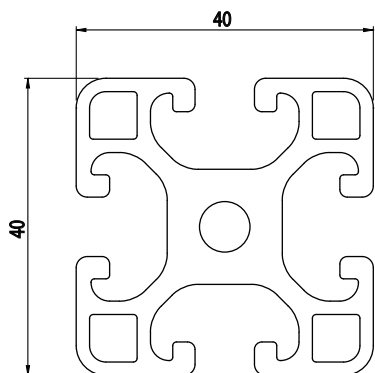
DE Die Alusic-Profilen der Reihe 40 mit T-förmiger Befestigungsnut zu 8 mm stellen die richtige Mischung zwischen Leichtigkeit und Robustheit dar.

Die Reihe ermöglicht die Befestigung mit Schrauben M8 durch das geeignete Befestigungszubehör oder durch Gewinde an den Stangenenden. Die Muttern sind mit Gewinden M4, M5, M6 und M8 erhältlich; sie können an jeder Stelle der Nut auch nach der Erstmontage der Struktur eingesetzt werden.



40x80

NEW



CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.114.001	9,26	9,26	4,63	4,63	657,03	1,77

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Colore naturale

Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

L=6,040m

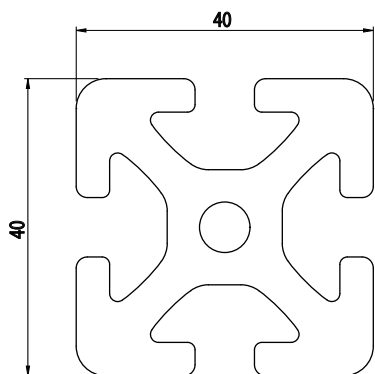
Tappo - Cap - Tapòn - Embout - Abdeckkappe



CODICE	Materiale	g	Colore
084.201.076	PA	5	■
084.201.076G	PA	5	■

40x40

NEW



CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.114.002	14,24	14,24	7,12	7,12	928,82	2,50

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Colore naturale

Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

L=6,040m

Tappo - Cap - Tapòn - Embout - Abdeckkappe



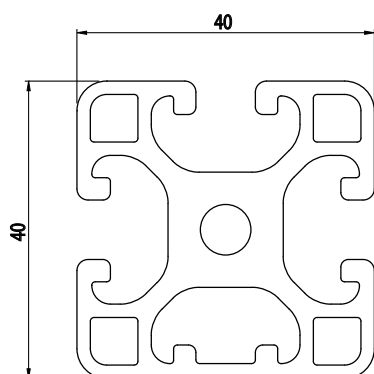
CODICE	Materiale	g	Colore
084.201.076	PA	5	■
084.201.076G	PA	5	■

40x40

NEW



CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.114.008	9,25	9,85	4,63	4,93	673,50	1,82



Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Colore naturale

Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

L=6,040m

Tappo - Cap - Tapon - Embout - Abdeckkappe



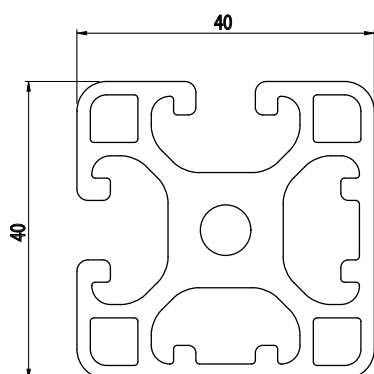
CODICE	Materiale	g	Colore
084.201.076	PA	5	■
084.201.076G	PA	5	■

40x40

NEW



CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.114.007	9,86	9,86	4,93	4,93	691,17	1,87



Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Colore naturale

Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

L=6,040m

Tappo - Cap - Tapon - Embout - Abdeckkappe



CODICE	Materiale	g	Colore
084.201.076	PA	5	■
084.201.076G	PA	5	■

40x80

NEW



CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.114.003	17,07	70,91	8,54	17,73	1145	3,09



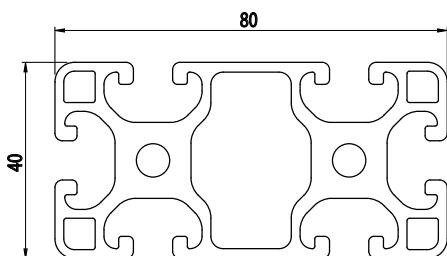
Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Colore naturale

Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

L=6,040m



Tappo - Cap - Tapòn - Embout - Abdeckkappe



CODICE	Materiale	g	Colore
084.201.077	PA	9	■
084.201.077G	PA	9	■

40x80

NEW



CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.114.004	27,37	102,68	13,69	25,67	1695,66	4,58



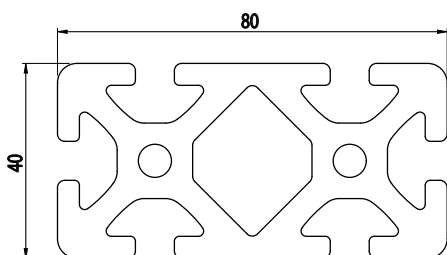
Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Colore naturale

Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

L=6,040m



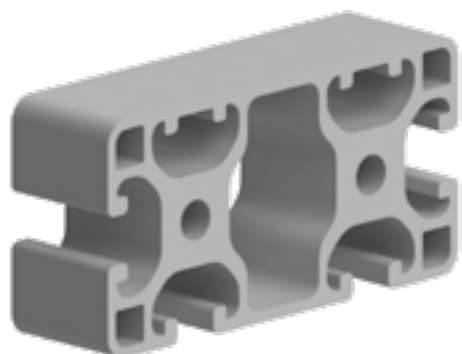
Tappo - Cap - Tapòn - Embout - Abdeckkappe



CODICE	Materiale	g	Colore
084.201.077	PA	9	■
084.201.077G	PA	9	■

40x80

NEW



CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.114.009	18,22	72,10	9,11	18	1176,60	3,18

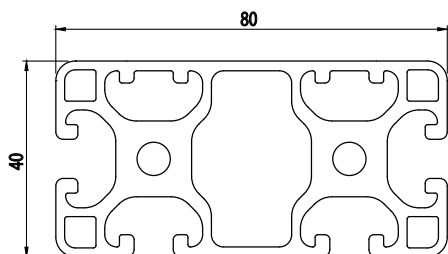
Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Colore naturale

Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

L=6,040m



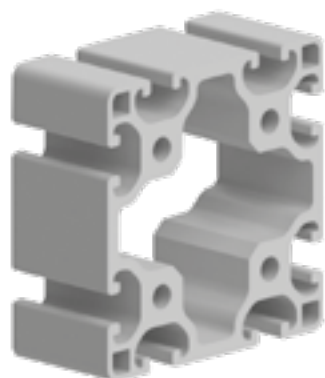
Tappo - Cap - Tapòn - Embout - Abdeckkappe



CODICE	Materiale	g	Colore
084.201.077	PA	9	■
084.201.077G	PA	9	■

80x80

NEW



CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.114.005	136,20	136,20	34,05	34,05	1993,82	5,40

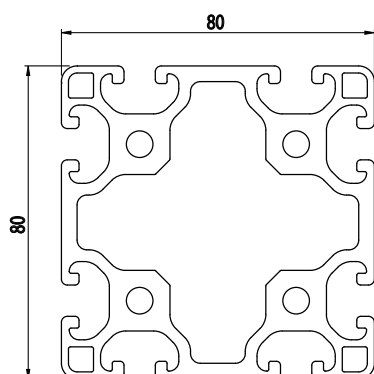
Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Colore naturale

Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

L=6,040m



Tappo - Cap - Tapòn - Embout - Abdeckkappe

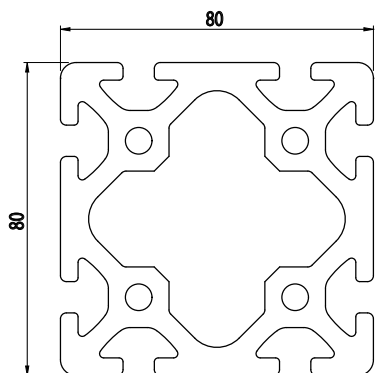


CODICE	Materiale	g	Colore
084.201.078	PA	18	■
084.201.078G	PA	18	■

80x80

NEW

IM 8 IM
40



CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.114.006	190	190	47,5	47,5	2686,4	7,25

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Colore naturale

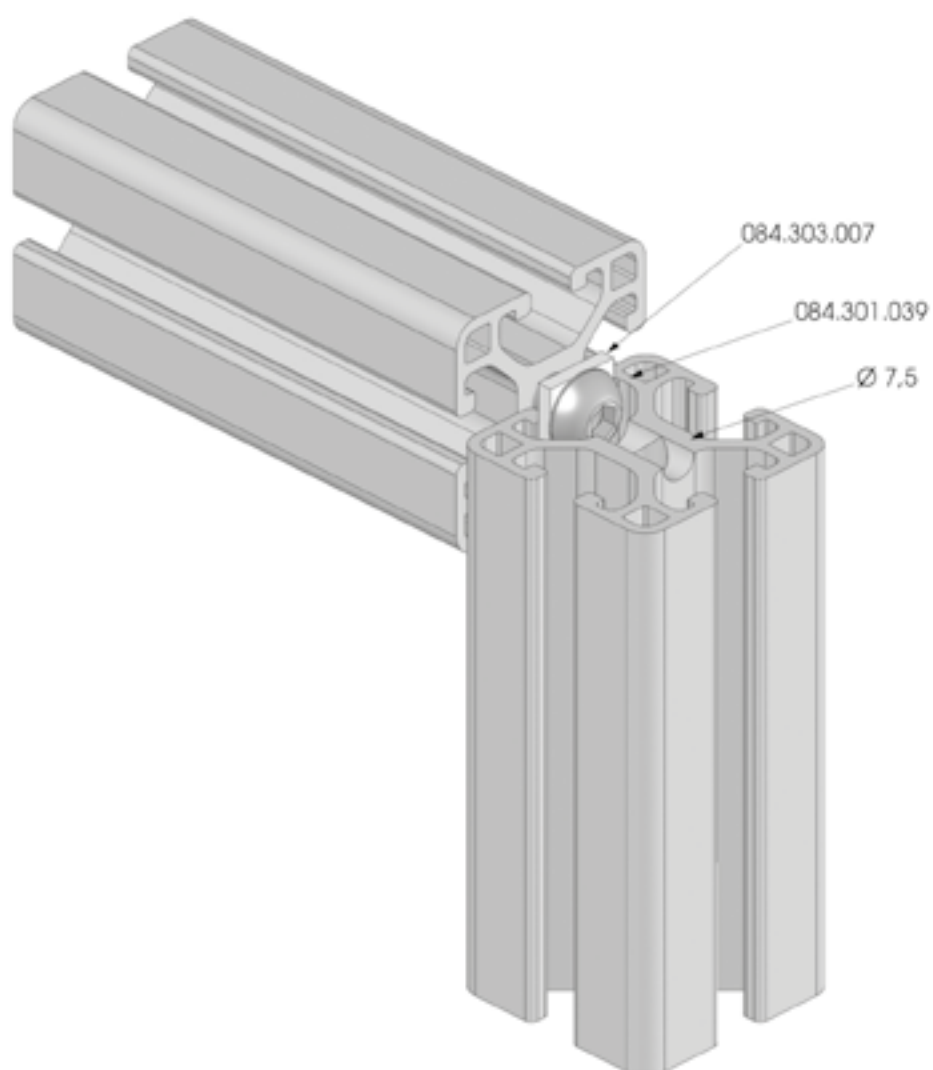
Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

L=6,040m

Tappo - Cap - Tapòn - Embout - Abdeckkappe

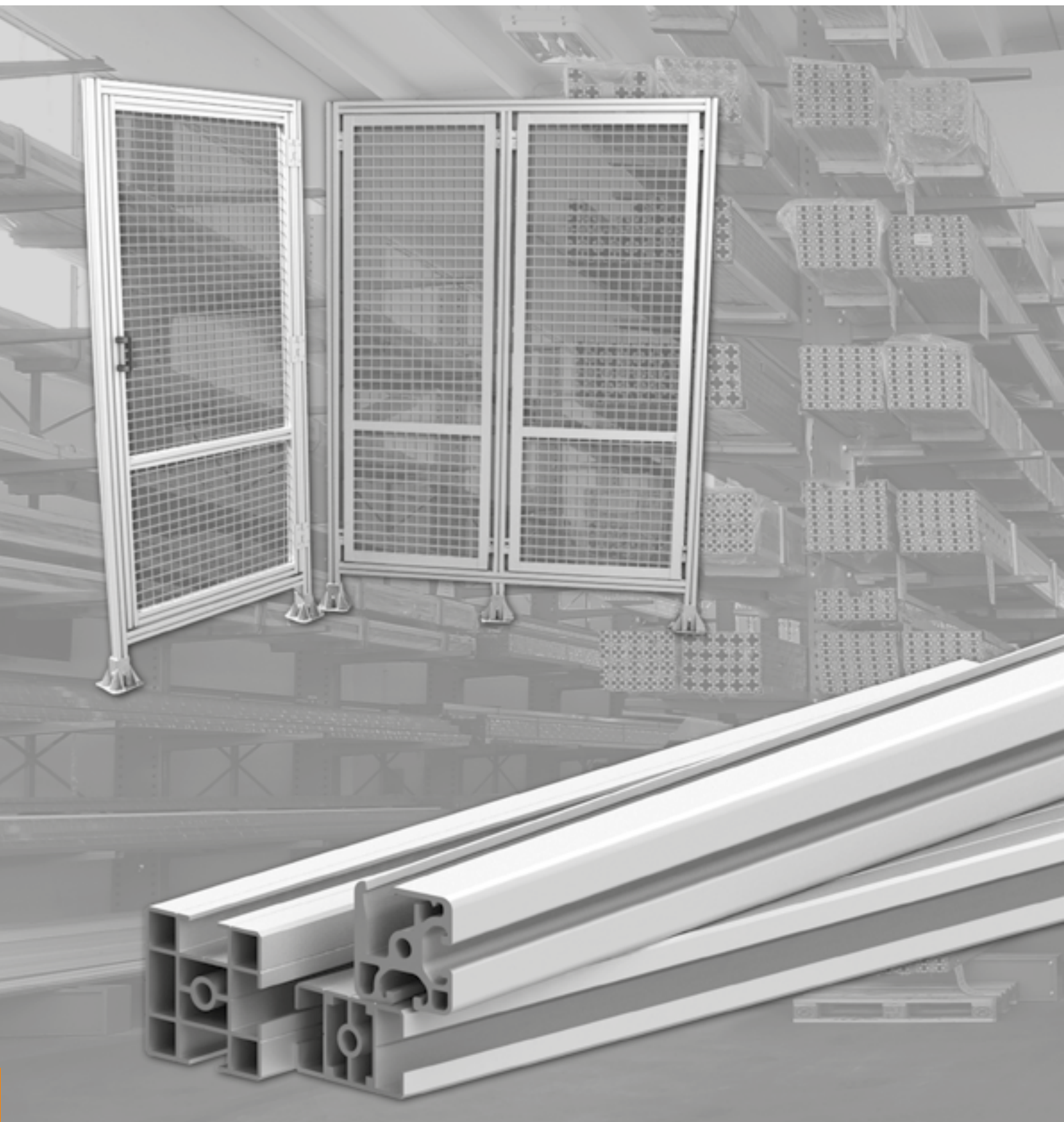
CODICE	Materiale	g	Colore
084.201.078	PA	18	■
084.201.078G	PA	18	■

SISTEMI DI MONTAGGIO
ASSEMBLY SYSTEMS
SISTEMAS DE MONTAJE
SISTÈMES DE MONTAGE
MONTAGESYSTEME



PROFILI PER RECINZIONI

GUARD PROFILES
PERFILES PARA CERRAMIENTOS
PROFILÉS POUR CLÔTURES
PROFILE FÜR UMZÄUNUNGEN



IT I profili per le recinzioni sono nati per ottimizzare caratteristiche, geometrie e pesi per la realizzazione di coperture e recinzioni di macchine.

EN Our guard profiles are designed with optimised characteristics, geometries and weights for the creation of machine covers and guards.

ES Los perfiles para cerramientos permiten optimizar las características, las geometrías y los pesos a la hora de realizar cubiertas y cercados de máquinas.

FR Les profilés pour clôtures ont été créés afin d'optimiser les caractéristiques, les formes et les poids pour la réalisation de couvertures et de clôtures de machines.

DE Die Profile für Umzäunungen wurden zur Optimierung der Eigenschaften, Geometrien und Gewichte für die Schaffung von Abdeckungen und Umzäunungen von Maschinen entwickelt.

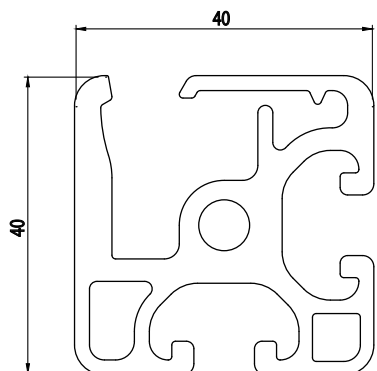




40x40

NEW

IM
40



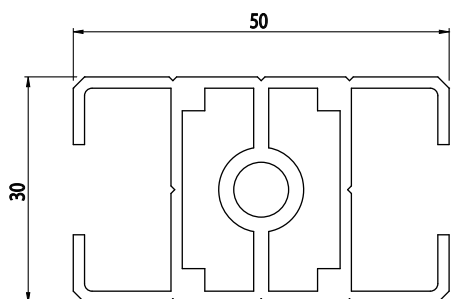
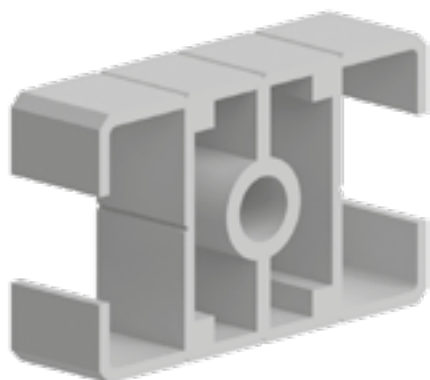
CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.114.010	8.56	11.14	4.28	5.55	653,78	1,77

Alluminio anodizzato
 Anodised aluminium - Aluminium anodisé
 Aluminio anodizado - Eloxiertes Aluminium
Colore naturale
 Natural colour - Couleur naturelle
 Color natural - Natürliche Farbe
L=6,040m

Tappo - Cap - Tapòn - Embout - Abdeckkappe

CODICE	Materiale	g	Colore
084.201.076	PA	5	■
084.201.076G	PA	5	■

30x50



CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.112.001	6,62	4,25	2,65	2,83	360,31	0,97

Alluminio anodizzato
 Anodised aluminium - Aluminium anodisé
 Aluminio anodizado - Eloxiertes Aluminium
Colore naturale
 Natural colour - Couleur naturelle
 Color natural - Natürliche Farbe
L=6,040m

Tappo - Cap - Tapòn - Embout - Abdeckkappe

CODICE	Materiale	g	Colore
084.201.069	PA	8	■
084.201.069G	PA	9	■

50x50

CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.112.002	14,44	13,31	5,78	5,32	582,38	1,57



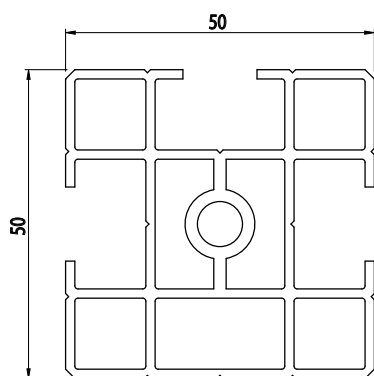
Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Colore naturale

Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

L=6,040m



Tappo - Cap - Tapòn - Embout - Abdeckkappe



CODICE	Materiale	g	Colore
084.201.070	PA	13	■
084.201.070G	PA	13	■

PROFILI SPECIALI

SPECIAL PROFILES
PERFILES ESPECIALES
PROFILÉS SPÉCIAUX
SONDERPROFILE



IT In questa sezione vengono raccolti quei profili dedicati ad applicazioni speciali complementari ai profili strutturali, come il profilo per gli scalini o le canaline per i cavi.

EN This section contains profiles dedicated to special applications complementary to structural profiles, such as profiles for stairs or cable conduits.

ES Esta sección recoge los perfiles específicos para aplicaciones especiales complementarios a los perfiles estructurales, como los perfiles para peldaños o las canaletas para cables.

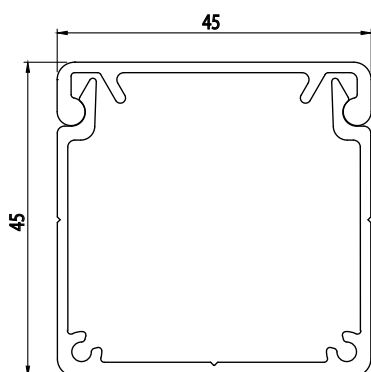
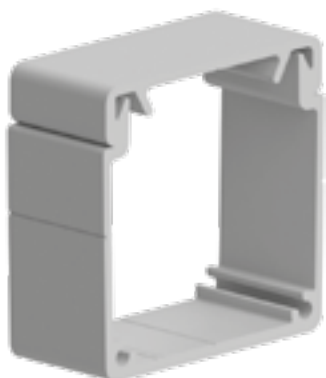
FR Cette section rassemble les profilés destinés à des applications spéciales complémentaires aux profilés structurels, comme le profilé pour marches ou les caniveaux pour câbles.

DE In diesem Abschnitt werden die Profile für Spezialanwendungen aufgeführt, die die Konstruktionsprofile ergänzen, wie zum Beispiel das Profil für Stufen oder Kabelkanäle.



CANALINA PORTACAVI

CABLE CHANNEL
CANALETA PARA CABLES
CANIVEAU À CÂBLES
KABELKANAL



CODICE	Note	Kg/m
084.101.053	Canalina - Cable channel - Canaleta para cables - Caniveau à câbles - Kabelkanal	0,70
084.101.054	Coperchio canalina - Cable channel cover - Tapa canaleta para cables - Couvercle caniveau à câbles - Abdeckung Kabelkanal	0,40

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium
L=6,040m

Colore naturale

Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

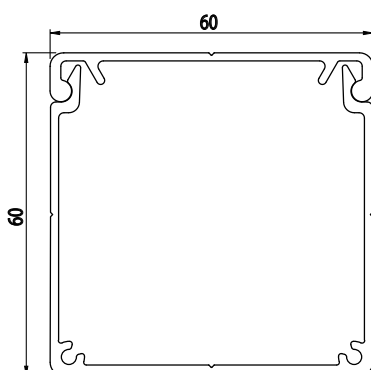
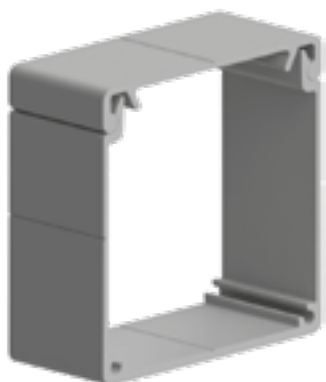
Tappo - Cap - Tapòn - Embout - Abdeckkappe



CODICE	Materiale	g	Colore
084.201.053	ALL	15	■

CANALINA PORTACAVI

CABLE CHANNEL
CANALETA PARA CABLES
CANIVEAU À CÂBLES
KABELKANAL



NEW

CODICE	Note	Kg/m
084.101.078	Canalina - Cable channel - Canaleta para cables - Caniveau à câbles - Kabelkanal	0,87
084.101.079	Coperchio canalina - Cable channel cover - Tapa canaleta para cables - Couvercle caniveau à câbles - Abdeckung Kabelkanal	0,39

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes aluminium
L=6,040m

Colore naturale

Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

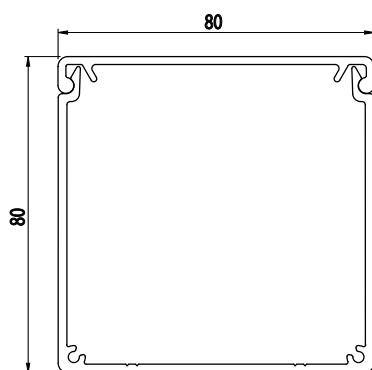
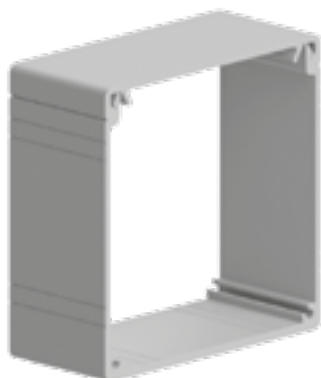
Tappo - Cap - Tapòn - Embout - Abdeckkappe



CODICE	Materiale	g	Colore
084.201.079	ALL	19	■

CANALINA PORTACAVI

CABLE CHANNEL
CANALETA PARA CABLES
CANIVEAU À CÂBLES
KABELKANAL



CODICE	Note	Kg/m
084.101.055	Canalina - Cable channel - Canaleta para cables - Caniveau à câbles - Kabelkanal	1,50
084.101.056	Coperchio canalina - Cable channel cover - Tapa canaleta para cables - Couvercle caniveau à câbles - Abdeckung Kabelkanal	0,60

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium
L=6,040m

Colore naturale

Natural colour - Couleur naturelle
Color natural - Natürliche Farbe

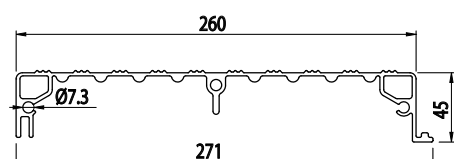
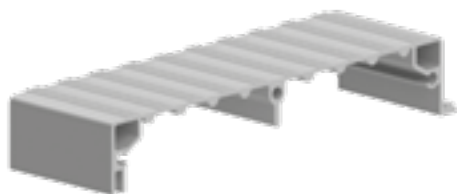
Tappo - Cap - Tapon - Embout - Abdeckkappe



CODICE	Materiale	g	Colore
084.201.059	ALL	30	■

SCALINO

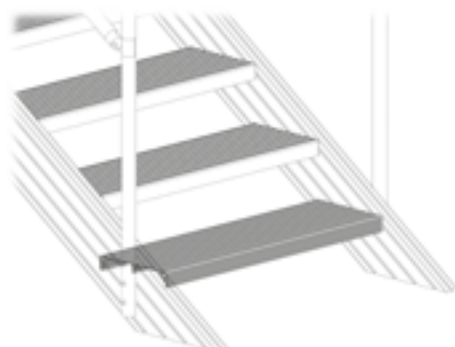
STEP
ESCALÓN
MARCHE
STUFE



CODICE	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
084.101.065	23,16	1177,28	7,72	84,09	1428,47	3,86

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium
Colore naturale
Natural colour - Couleur naturelle
Color natural - Natürliche Farbe
L=6,040m



ACCESSORI

ACCESSORIES
ACCESORIOS
ACCESSOIRES
ZUBEHÖR



IT Alusic significa una vasta gamma di accessori studiati per i profili in alluminio. Frutto di un'attenta progettazione e testati con l'ausilio delle tecniche di prototipazione rapida, gli accessori sono compatibili con la maggior parte dei profili in alluminio presenti sul mercato.

In questa sezione possiamo trovare tappi di chiusura, chiudicava, viteria, giunti interni ed esterni, basi di ancoraggio, ruote, cerniere, maniglie ed elementi per scorrevoli e per la realizzazione di protezioni.

EN Alusic is synonymous with a huge range of accessories especially designed for aluminium profiles. The result of a painstaking design process, tested with the aid of rapid prototyping techniques, our accessories are compatible with the majority of aluminium profiles on the market.

In this section you will find end caps, closure strips, fasteners, internal and external joints, bases, wheels, hinges, handles and components for sliders and creating guards.

ES Alusic ofrece una extensa gama de accesorios específicamente estudiados para los perfiles de aluminio. Fruto de un atento diseño y probados mediante técnicas de creación rápida de prototipos, los accesorios son compatibles con la mayoría de los perfiles de aluminio presentes en el mercado.

En esta sección encontrará tapones de cierre, taparranuras, tornillería, juntas internas y externas, bases de anclaje, ruedas, bisagras, asideros y elementos para correderas y para la realización de protecciones.

FR Alusic est synonyme de vaste gamme d'accessoires étudiés pour les profilés en aluminium. Fruit d'une minutieuse conception et testés au moyen de techniques permettant la création rapide de prototypes, les accessoires sont compatibles avec la plupart des profilés en aluminium présents sur le marché.

La présente section contient des bouchons de fermeture, des fermetures de rainure, de la visserie, des joints internes et externes, des bases d'ancrage, des roues, des charnières, des poignées et des éléments pour coulissants et pour la réalisation de protections.

DE Alusic bietet eine große Auswahl an Zubehör für Aluminiumprofile. Das Zubehör, das sorgsam entwickelt und mithilfe der Rapid-Prototyping-Techniken getestet wurde, ist mit den meisten auf dem Markt erhältlichen Aluminiumprofilen kompatibel.

In diesem Abschnitt finden wir Verschlusskappen, Verschleißelemente für Nuten, Schrauben, innere und äußere Verbinder, Befestigungssockel, Räder, Scharniere, Griffe und Elemente für Schiebekonstruktionen und für die Schaffung von Schutzvorrichtungen.

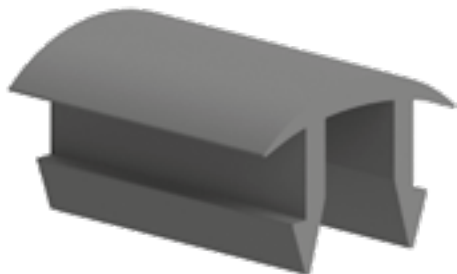


CHIUDICAVA MORBIDO

SOFT SLOT CLOSER
TAPA-RANURA FLEXIBLE
FERMETURE DE RAINURE SOUPLE
WEICHES VERSCHLIESSELEMENT FÜR NUTEN



CODICE	Note	g/m
084.203.016	Rotoli 20 m - 20 m rolls - Rollos de 20 m - Rouleaux 20 m - Rollen 20 m	57

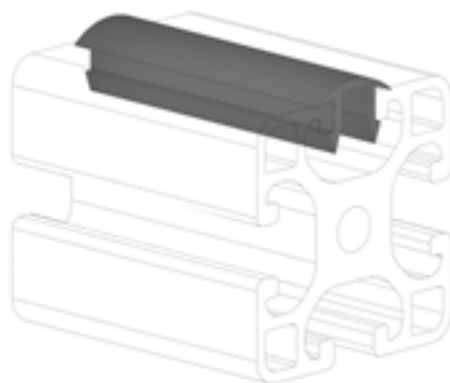
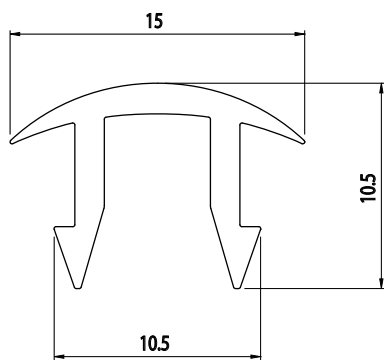


PVC morbido nero

Soft black PVC - PVC souple noir
PVC flexible color negro - Weich-PVC schwarz

Altri colori a richiesta

Other colours on request - Autres couleurs sur demande
Otros colores bajo solicitud - Weitere Farben auf Anfrage

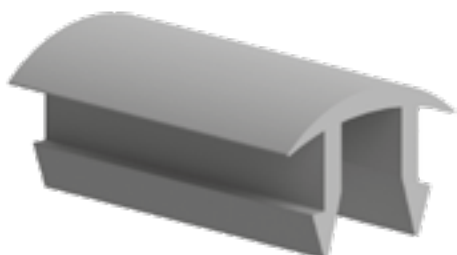


CHIUDICAVA MORBIDO

SOFT SLOT CLOSER
TAPA-RANURA FLEXIBLE
FERMETURE DE RAINURE SOUPLE
WEICHES VERSCHLIESSELEMENT FÜR NUTEN



CODICE	Note	g/m
084.203.015	Rotoli 20 m - 20 m rolls - Rotoli 20 m - Rouleaux 20 m - Rollen 20 m	57

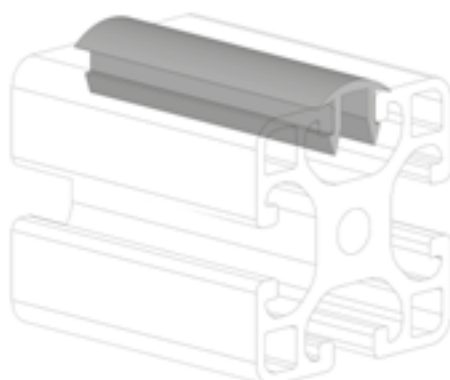
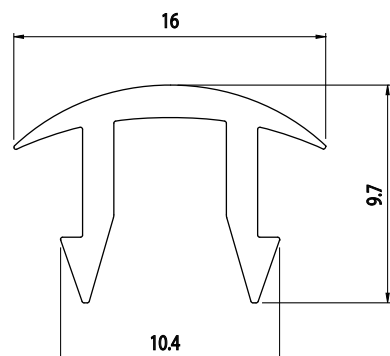


PVC morbido grigio

Soft grey PVC - PVC souple gris
PVC flexible color gris - Weich-PVC grau

Altri colori a richiesta

Other colours on request - Autres couleurs sur demande
Otros colores bajo solicitud - Weitere Farben auf Anfrage

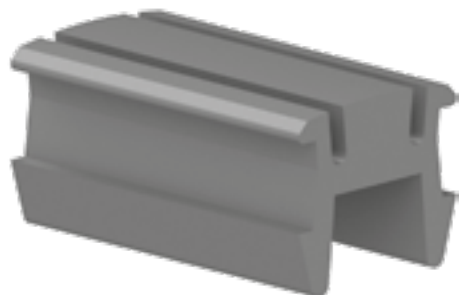


CHIUDICAVA MORBIDO

SOFT SLOT CLOSER
TAPA-RANURA FLEXIBLE
FERMETURE DE RAINURE SOUPLE
WEICHES VERSCHLIESSELEMENT FÜR NUTEN



CODICE	Note	g/m
084.203.001	Rotoli 50-100 m - 50-100 m rolls - Rollos de 50-100 m - Rouleaux 50-100 m - Rollen 50-100 m	75

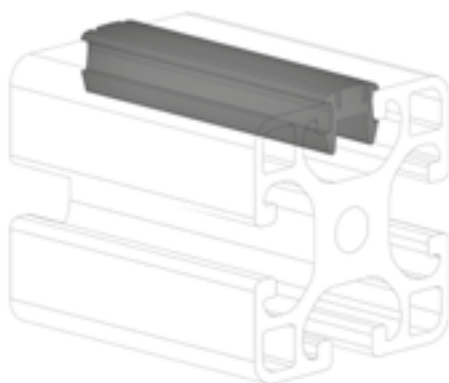
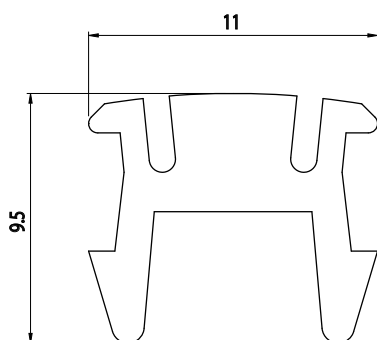


PVC morbido nero

Soft black PVC - PVC souple noir
PVC flexible color negro - Weich-PVC schwarz

Altri colori a richiesta

Other colours on request - Autres couleurs sur demande
Otros colores bajo solicitud - Weitere Farben auf Anfrage

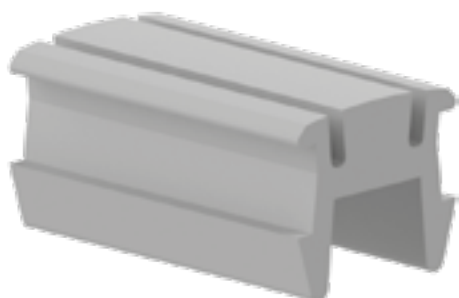


CHIUDICAVA MORBIDO

SOFT SLOT CLOSER
TAPA-RANURA FLEXIBLE
FERMETURE DE RAINURE SOUPLE
WEICHES VERSCHLIESSELEMENT FÜR NUTEN



CODICE	Note	g/m
084.203.001G	Rotoli 50-100 m - 50-100 m rolls - Rollos de 50-100 m - Rouleaux 50-100 m - Rollen 50-100 m	75

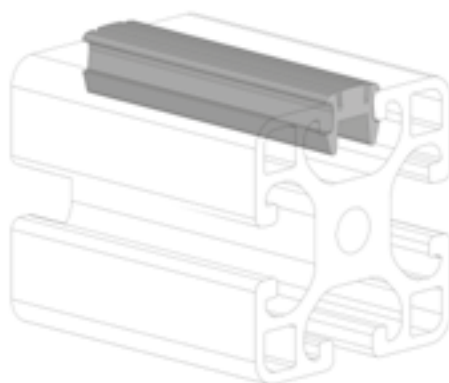
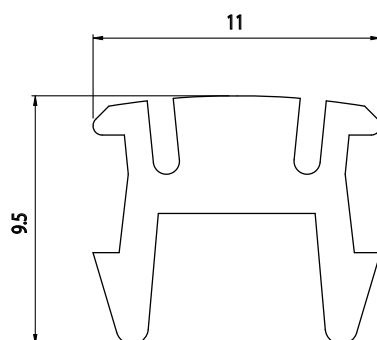


PVC morbido grigio

Soft grey PVC - PVC souple gris
PVC flexible color gris - Weich-PVC grau

Altri colori a richiesta

Other colours on request - Autres couleurs sur demande
Otros colores bajo solicitud - Weitere Farben auf Anfrage



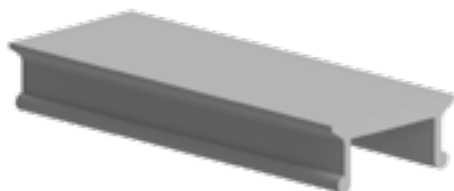


CHIUDICAVA IN ALLUMINIO

ALUMINIUM SLOT CLOSER
TAPA-RANURA DE ALUMINIO
FERMETURE DE RAINURE EN ALUMINIUM
VERSCHLIESSELEMENT FÜR NUTEN AUS ALUMINIUM



CODICE	Note	g/m
084.203.017	L = 3000 mm	33

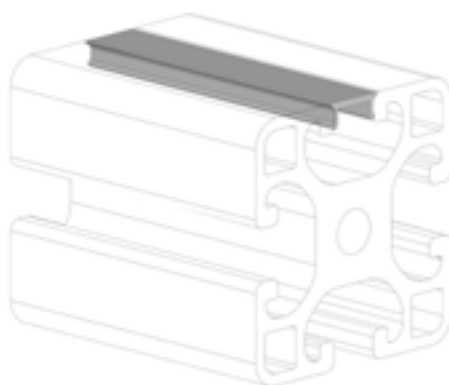
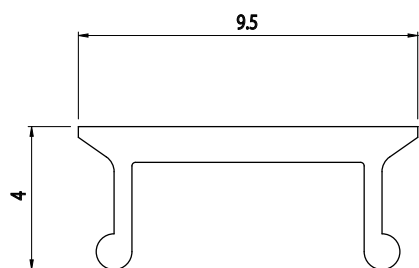


Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Colore naturale

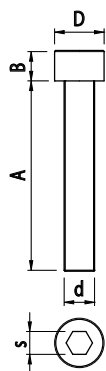
Natural colour - Couleur naturelle
Color natural - Natürliche Farbe





VITI CILINDRICHE

CAP SCREWS
 TORNILLOS CILÍNDRICOS
 VIS CYLINDRIQUES
 ZYLINDERSCHRAUBEN



CODICE	Note	d	A	D	B	s	g
084.301.008	M4x12	M4	12	7	2,5	2,5	1
084.301.054	M5x8	M5	8	8,50	3,50	3	2
084.301.009	M5x12	M5	12	8	3,50	3	3
084.301.035	M5x16	M5	16	8	3,50	3	3
084.301.036	M5x20	M5	20	8	3,50	3	4
084.301.010	M6x12	M6	12	10	4	4	4
084.301.011	M6x16	M6	16	10	4	4	5
084.301.001	M6x20	M6	20	10	4	4	6
084.301.002	M8x16	M8	16	13	5	5	8
084.301.003	M8x20	M8	20	13	5	5	10
084.301.012	M8x22	M8	22	13	5	5	12
084.301.004	M8x25	M8	25	13	5	5	12
084.301.038	M8x30	M8	30	13	5	5	15
084.301.013	M8x35	M8	35	13	5	5	18
084.301.005	M8x40	M8	40	13	5	5	18
084.301.006	M8x50	M8	50	13	5	5	20
084.301.007	M8x60	M8	60	13	5	5	24

Acciaio zincato

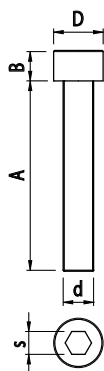
Galvanised steel - Acier zingué
 Acero galvanizado - Verzinkter Stahl





VITI CILINDRICHE

CAP SCREWS
TORNILLOS CILINDRICOS
VIS CYLINDRIQUES
ZYLINDERSCHRAUBEN



INOX

CODICE	Note	d	A	D	B	s	g
084.301.032	M8x12	M8	12	13	8	6	8
084.301.029	M8x16	M8	16	13	8	6	11
084.301.025	M8x20	M8	20	13	8	6	13
084.301.033	M8x25	M8	25	13	8	6	15
084.301.031	M8x30	M8	30	13	8	6	16
084.301.026	M8x35	M8	35	13	8	6	17
084.301.027	M8x40	M8	40	13	8	6	20
084.301.030	M8x45	M8	45	13	8	6	21
084.301.028	M8x50	M8	50	13	8	6	22

Acciaio inox

Stainless steel - Acier inox
Acero inoxidable - Rostfreier Stahl

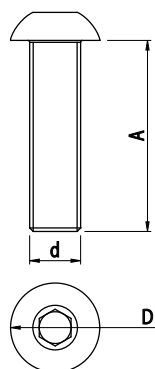




VITI BOMBATE
PAN-HEAD SCREWS
TORNILLOS ABOMBADOS
VIS BOMBÉES
GEWÖLBTE SCHRAUBEN

NEW

CODICE	Note	d	A	D	B	s	g
084.301.079	M5x12	M5	12	10			3
084.301.040	M6x16	M6	16	10			5
084.301.039	M8x20	M8	20	14			6



Acciaio zincato
Galvanized steel - Acier zingué
Acero galvanizado - Verzinkter Stahl

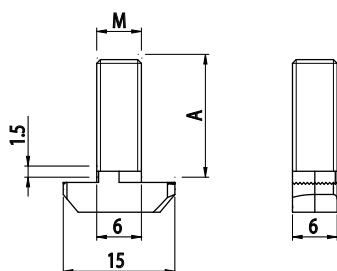
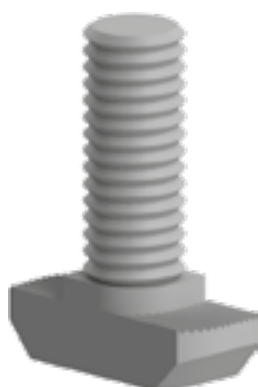
VITI A MARTELLO
HAMMER HEAD SCREWS
TORNILLOS EN FORMA DE MARTILLO
VIS À MARTEAU
HAMMERKOPFSCHRAUBEN

NEW

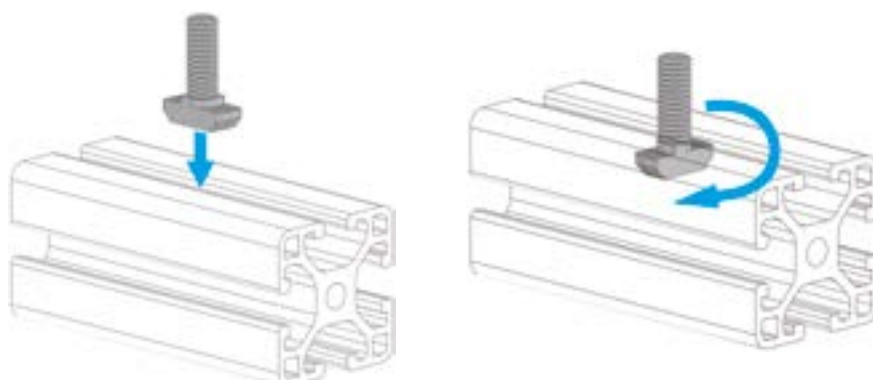
INOX



CODICE	Note	d	A	D	B	s	g
084.301.076	M6x16	M6	16				13
084.301.077	M6x40	M6	40				17
084.301.078	M6x50	M6	50				18



Acciaio inox
Stainless steel - Acier inox
Acero inoxidable - Rostfreier Stahl

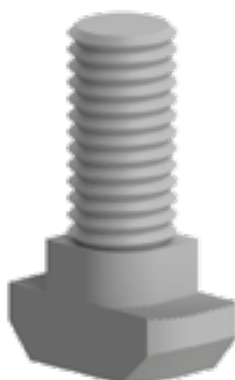




VITI A MARTELLO

HAMMER HEAD SCREWS
 TORNILLOS EN FORMA DE MARTILLO
 VIS À TÊTE MARTEAU
 HAMMERKOPFSCHRAUBEN

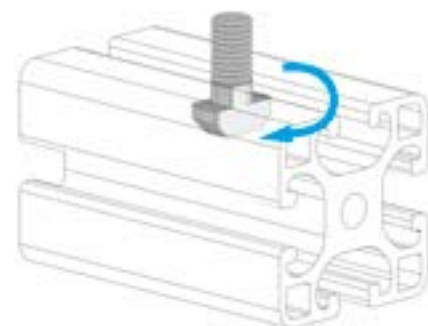
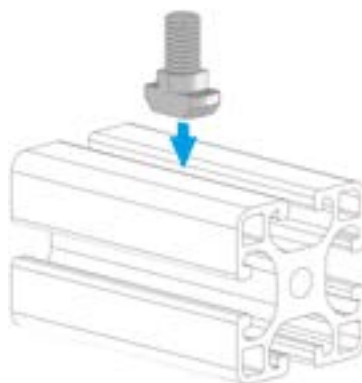
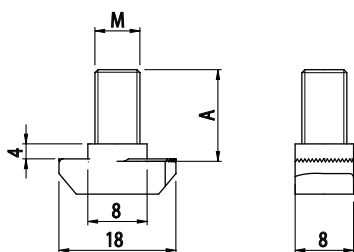
NEW



CODICE	Note	d	A	D	B	s	g
084.301.055	M8x16	M8	16				15
084.301.056	M8x20	M8	20				16
084.301.057	M8x25	M8	25				17
084.301.058	M8x30	M8	30				18

Acciaio zincato

Galvanised steel - Acier zingué
 Acero galvanizado - Verzinkter Stahl

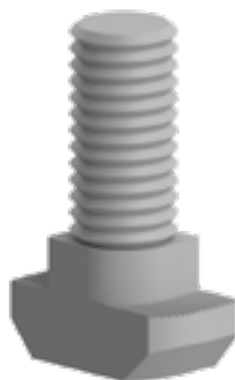


VITI A MARTELLO

HAMMER HEAD SCREWS
 TORNILLOS EN FORMA DE MARTILLO
 VIS À TÊTE MARTEAU
 HAMMERKOPFSCHRAUBEN

NEW

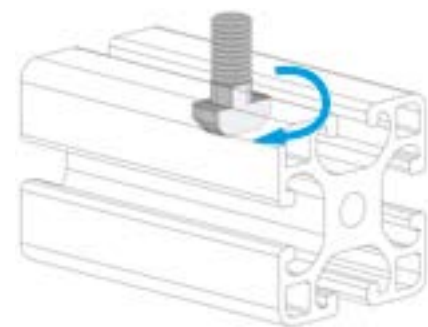
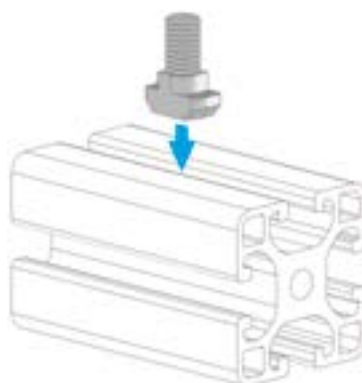
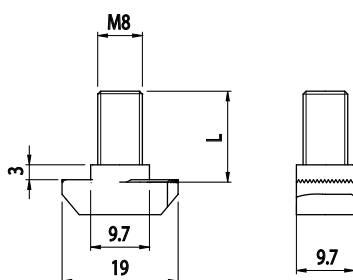
INOX



CODICE	Note	d	A	D	B	s	g
084.301.061	M8x20	M8	20				16
084.301.062	M8x25	M8	25				17
084.301.063	M8x30	M8	30				18
084.301.064	M8x35	M8	35				19

Acciaio inox

Stainless steel - Acier inox
 Acero inoxidable - Rostfreier Stahl



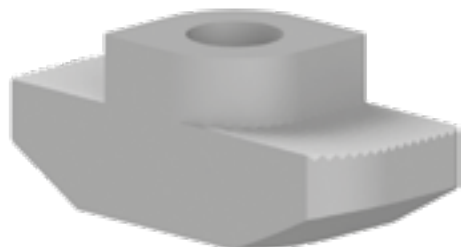


DADO A MARTELLO
HAMMER-HEAD NUT
TUERCA EN FORMA DE MARTILLO
ÉCROU À TÊTE MARTEAU
HAMMERMUTTER

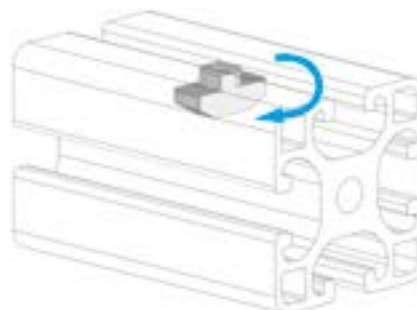
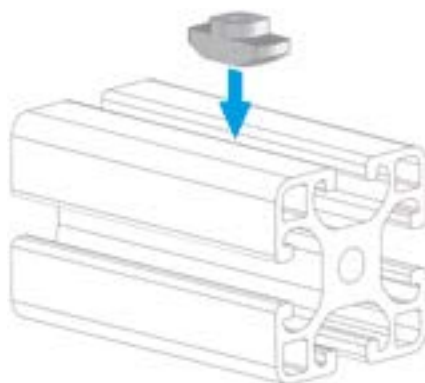
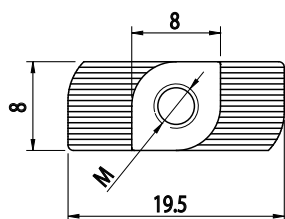
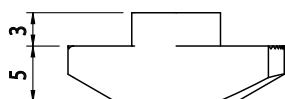
NEW

IM
85
40

CODICE	Note	g
084.302.112	M4	4
084.302.113	M5	3
084.302.114	M6	3



Acciaio zincato
Galvanised steel - Acier zingué
Acero galvanizado - Acciaio zincato



DADO A CULLA CON MOLLA
ROLL-IN NUT WITH SPRING LEAF
TUERCA EN FORMA DE CUNA CON RESORTE
ÉCROU À BERCEAU AVEC RESSORT
WIEGENFÖRMIGE MUTTER MIT FEDER

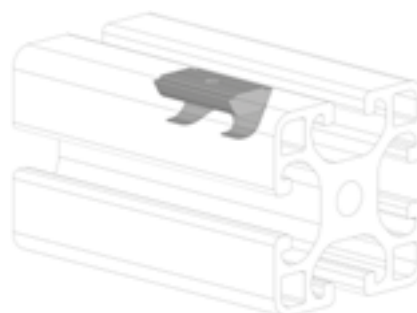
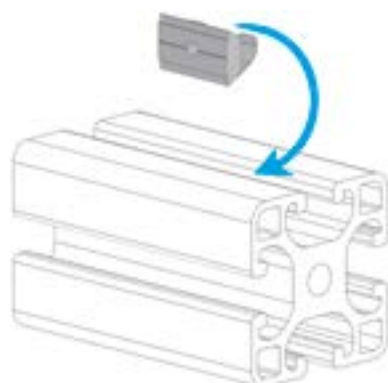
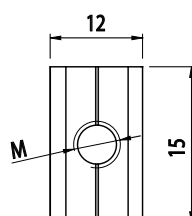
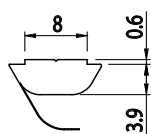
NEW

IM
85
40

CODICE	Note	g
084.302.115	M4	8
084.302.116	M5	8
084.302.117	M6	7
084.302.118	M8	6



Acciaio zincato
Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl

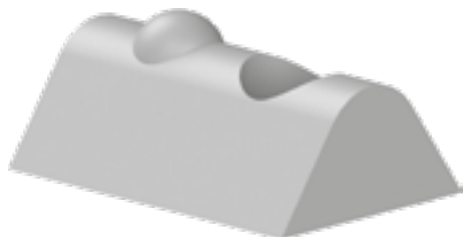




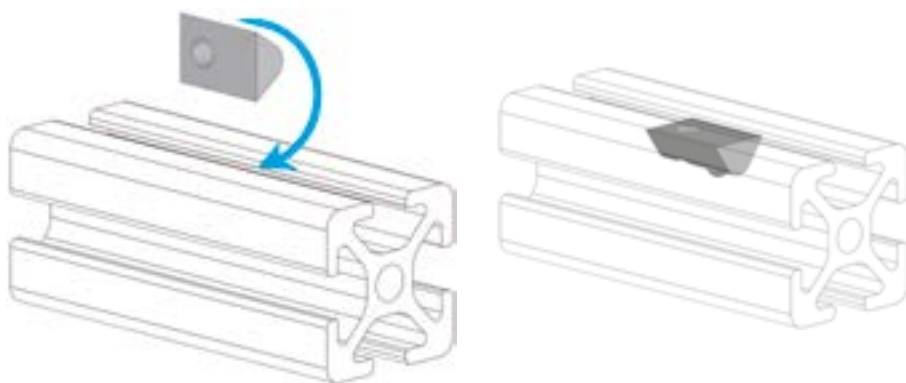
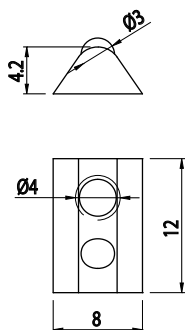
DADO A CULLA CON SFERA

ROLL-IN NUT WITH BALL
 TUERCA EN FORMA DE CUNA CON BOLA
 ÉCROU À BERCEAU AVEC SPHÈRE
 WIEGENFÖRMIGE MUTTER MIT KUGEL

NEW			IM 2 5 20
CODICE		Note	g
084.302.127		M5	2
084.302.128		M6	2



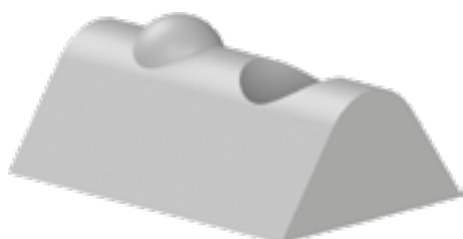
Acciaio zincato
 Galvanized steel - Acier zingué
 Acero galvanizado - Verzinkter Stahl



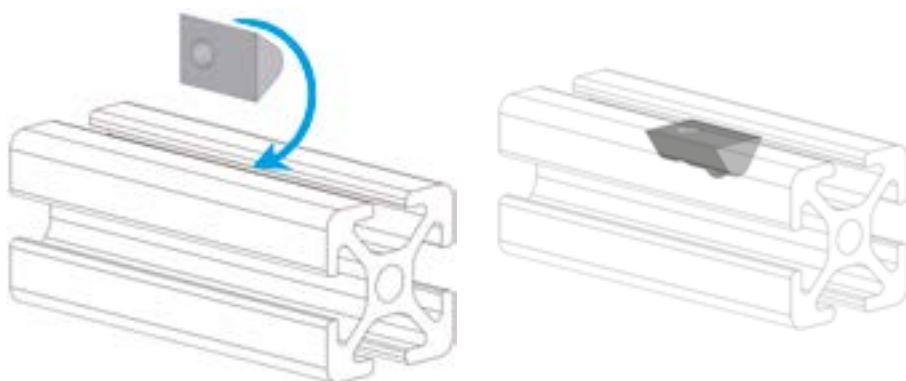
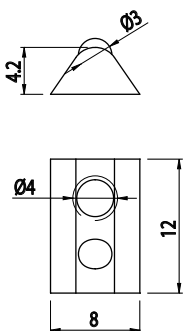
DADO A CULLA CON SFERA

ROLL-IN NUT WITH BALL
 TUERCA EN FORMA DE CUNA CON BOLA
 ÉCROU À BERCEAU AVEC SPHÈRE
 WIEGENFÖRMIGE MUTTER MIT KUGEL

NEW	INOX		IM 2 5 20
CODICE		Note	g
084.302.129		M5	2
084.302.130		M6	2



Acciaio inox
 Stainless steel - Acier inox
 Acero inoxidable - Rostfreier Stahl





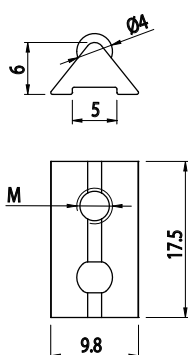
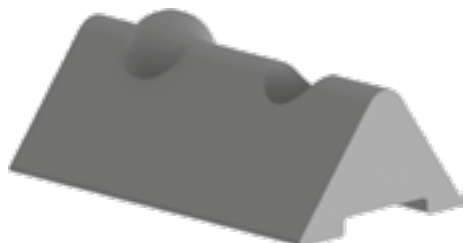
DADO A CULLA CON SFERA

ROLL-IN NUT WITH BALL
TUERCA EN FORMA DE CUNA CON BOLA
ÉCROU À BERCEAU AVEC SPHÈRE
WIEGENFÖRMIGE MUTTER MIT KUGEL

NEW

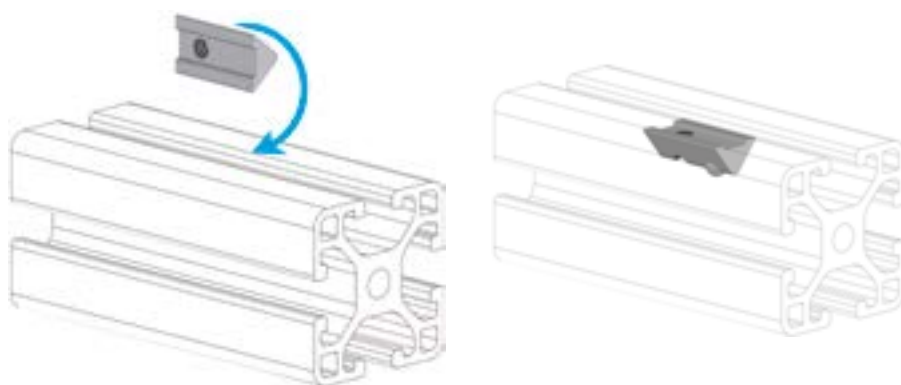
IM
6
30

CODICE	Note	g
084.302.131	M4	3
084.302.132	M5	3
084.302.133	M6	3



Acciaio zincato

Galvanized steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



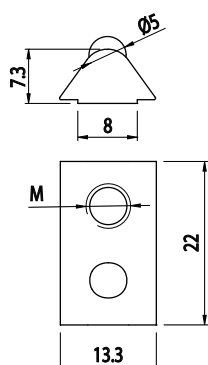
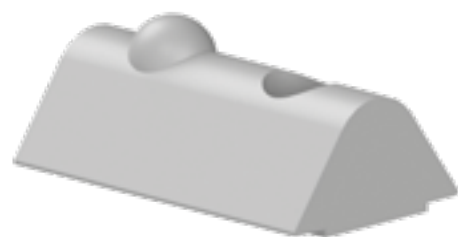
DADO A CULLA CON SFERA

ROLL-IN NUT WITH BALL
TUERCA EN FORMA DE CUNA CON BOLA
ÉCROU À BERCEAU AVEC SPHÈRE
WIEGENFÖRMIGE MUTTER MIT KUGEL

NEW

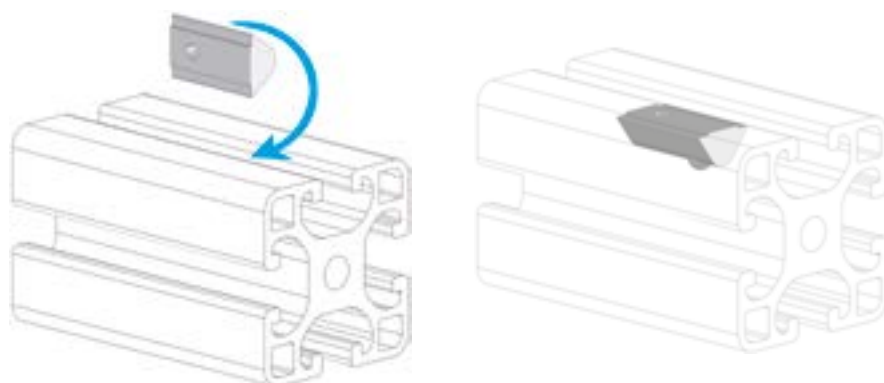
IM
8
40

CODICE	Note	g
084.302.108	M4	5
084.302.109	M5	4
084.302.110	M6	4
084.302.111	M8	3



Acciaio zincato

Galvanized steel - Acier zingué
Acero galvanizado - Verzinkter Stahl





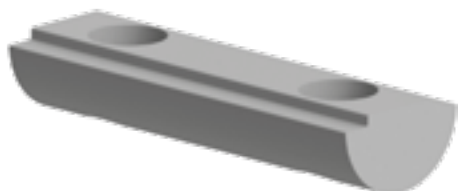
DADO A CULLA

ROLL-IN NUT
TUERCA EN FORMA DE CUNA
ÉCROU À BERCEAU
WIEGENFÖRMIGE MUTTER

NEW

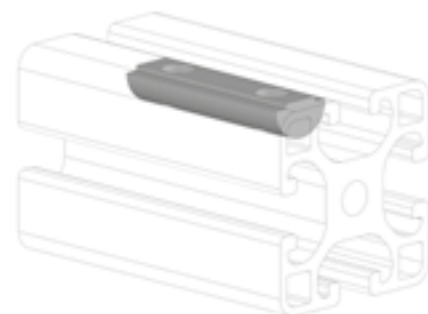
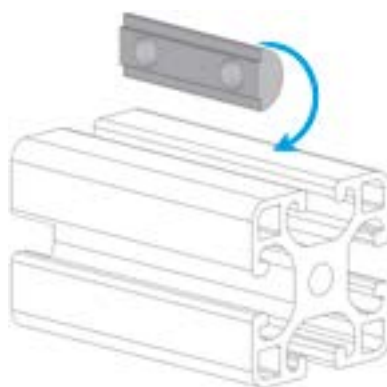
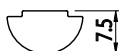
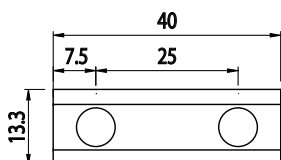


CODICE	Note	g
084.302.126	M8	16,50



Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



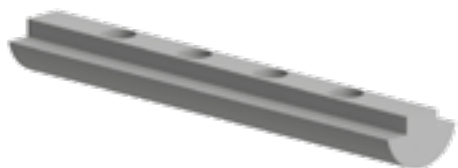
DADO A CULLA

ROLL-IN NUT
TUERCA EN FORMA
ÉCROU À BERCEAU
WIEGENFÖRMIGE MUTTER

NEW

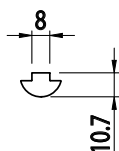
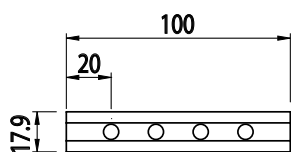


CODICE	Note	g
084.302.123	M8	16



Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl





DADO A CULLA CON SFERA

ROLL-IN NUT WITH BALL
TUERCA EN FORMA DE CUNA CON BOLA
ÉCROU À BERCEAU AVEC SPHÈRE
WIEGENFÖRMIGE MUTTER MIT KUGEL

NEW

IM
85
40

CODICE

Note

g

084.302.124

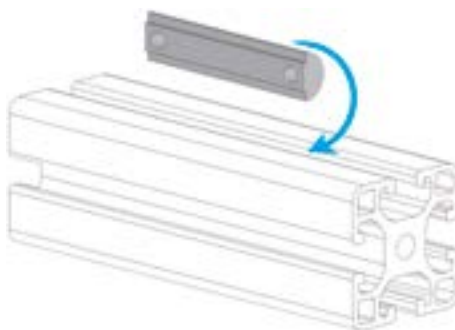
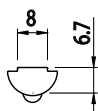
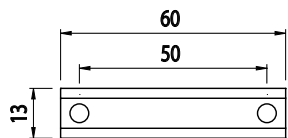
M6

30



Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



DADO A CULLA CON SFERA

ROLL-IN NUT WITH BALL
TUERCA EN FORMA DE CUNA CON BOLA
ÉCROU À BERCEAU AVEC SPHÈRE
WIEGENFÖRMIGE MUTTER MIT KUGEL

NEW

IM
85
40

CODICE

Note

g

084.302.125

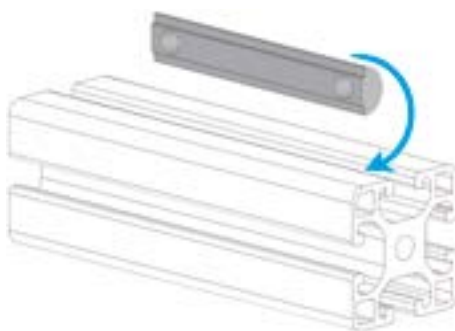
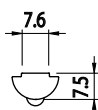
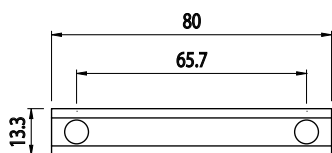
M8

39



Acciaio zincato

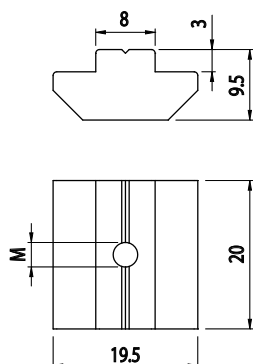
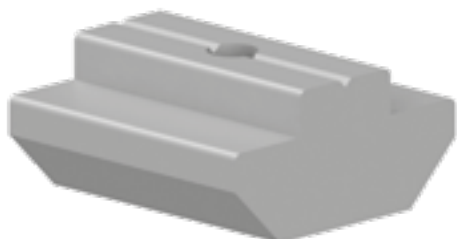
Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl





DADO CON RISALTO

T-SLOT NUT
TUERCA CON RESALTE
ÉCROU COULISSANT
T-NUT-MUTTER

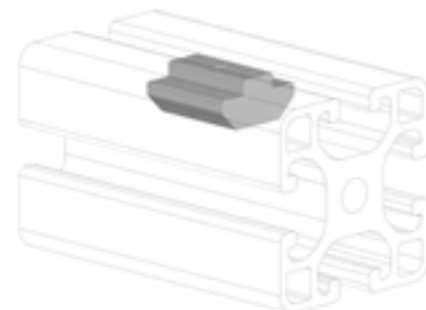
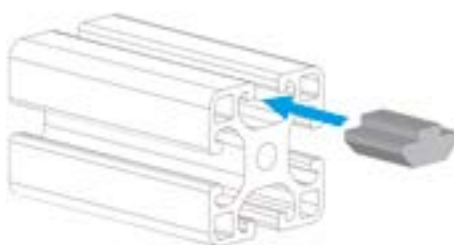


NEW

CODICE	Note	g
084.302.095	M4	20
084.302.096	M5	19
084.302.097	M6	18
084.302.098	M8	17

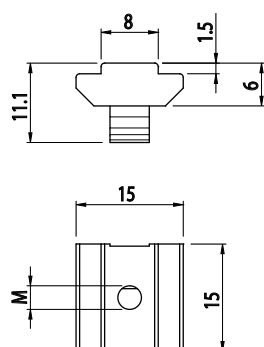
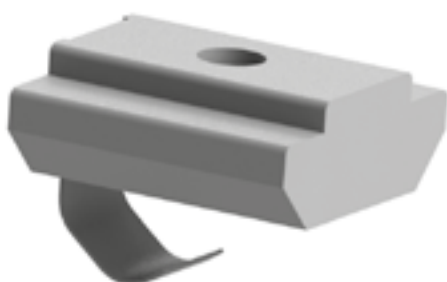
Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



DADO CON RISALTO E MOLLA

T-SLOT NUT WITH SPRING
TUERCA CON RESALTE Y RESORTE
ÉCROU COULISSANT ET RESSORT
T-NUT-MUTTER MIT FEDER

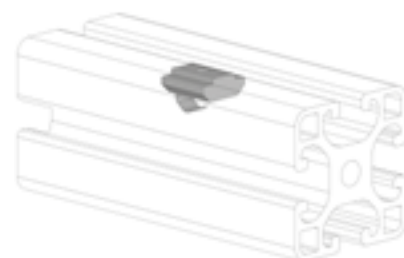
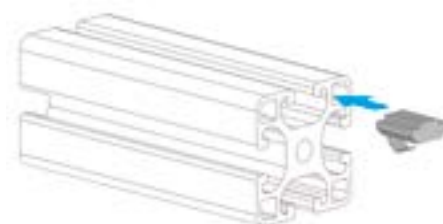


NEW

CODICE	Note	g
084.302.119	M4	18
084.302.120	M5	17
084.302.121	M6	17
084.302.122	M8	16

Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl

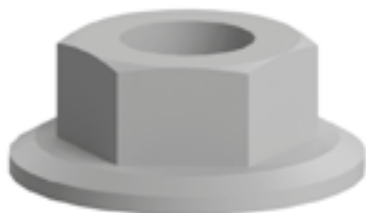




DADO FLANGIATO

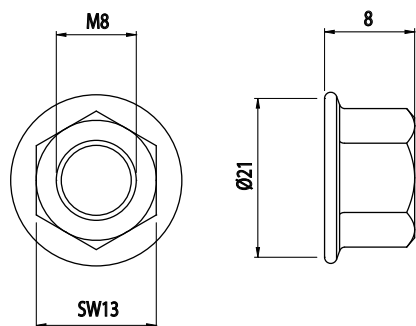
FLANGED NUT
TUERCA EMBRIDADA
ÉCROU BRIDÉ
FLANSCHMUTTER

CODICE	Note	g
084.302.036	M8	2



Acciaio zincato

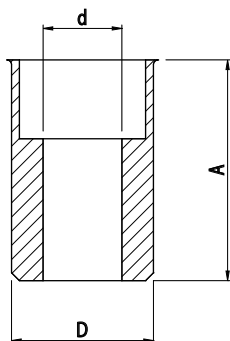
Galvanised steel - Acier zingué
Acciaio zincato - Verzinkter Stahl





BOCCOLA FILETTATA

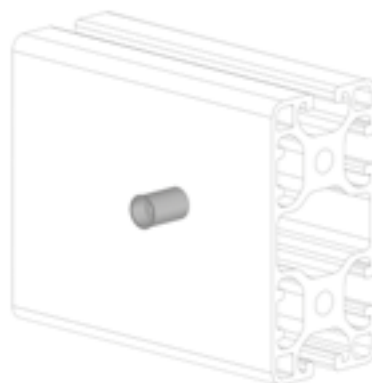
THREADED BUSHING
CASQUILLO ROSCADO
DOUILLE FILETÉE
GEWINDEBUCHSE



CODICE	Note	d	A	D	B	s	g
084.312.007	-	M5	11,50	7	-	-	2
084.312.005	-	M6	14	9	-	-	2
084.312.006	-	M8	16,50	11	-	-	4

Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



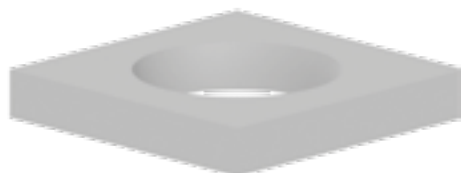


RONDELLA QUADRA

SQUARE WASHER
ARANDELA CUADRADA
RONDELLE CARRÉE
VIERKANTSCHIEBE

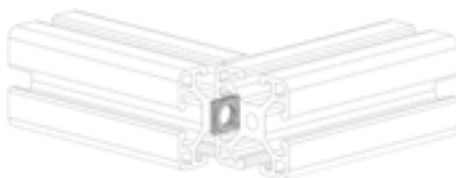
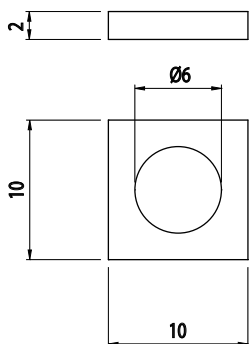
IM
6
30

CODICE	Note	g
084.303.003	10x10	1



Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl

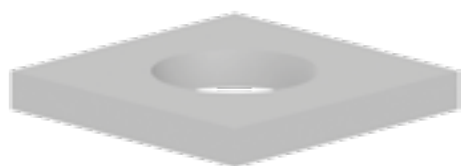


RONDELLA QUADRA

SQUARE WASHER
ARANDELA CUADRADA
RONDELLA QUADRA
VIERKANTSCHIEBE

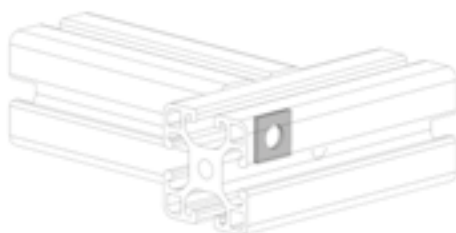
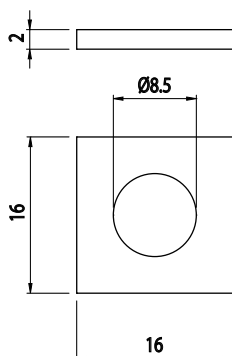
IM
8
40

CODICE	Note	g
084.303.007	16x16	1



Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl

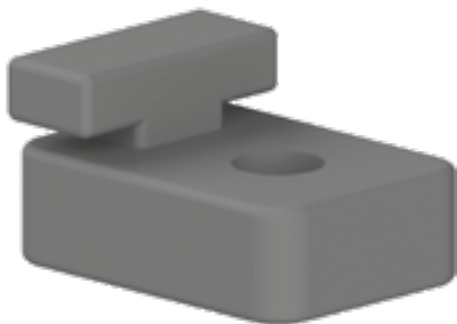




DISPOSITIVO ANTIROTAZIONE

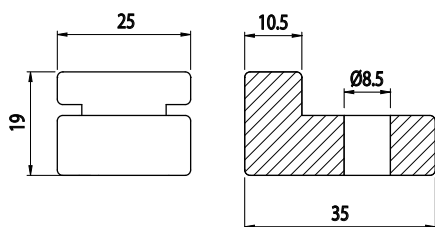
ANTI-ROTATION DEVICE
DISPOSITIVO ANTIRROTACIÓN
DISPOSITIF ANTI-ROTATION
VERDREHSICHERUNG

CODICE	Note	g
084.303.008	Per profilo 084.112.002 - For profile 084.112.002 - Para perfil 084.112.002 - Pour profilé 084.112.002 - Für Profil 084.112.002	10



Poliammide nera

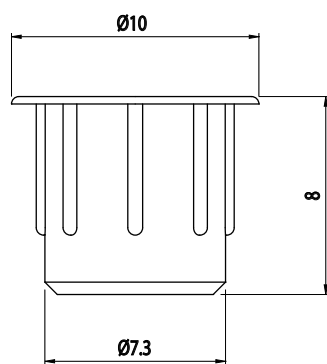
Black polyamide - Polyamide noir
Poliamida color negro - Polyamid schwarz





TAPPO CHIUDI FORO

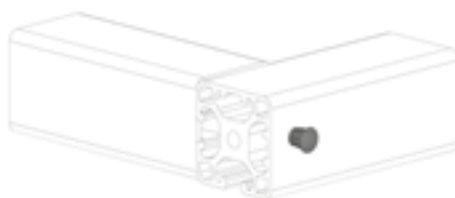
HOLE CLOSER CAP
TAPÓN TAPA-AGUJERO
BOUCHON DE FERMETURE TROU
ABDECKKAPPE FÜR LÖCHER



CODICE	Note	Colore	g
084.202.002	Per fori Ø7,5 - For Ø7.5 mm holes - Para orificios Ø7,5 - Pour trous Ø 7,5 - Für Löcher Ø7,5	■	1
084.202.002N	Per fori Ø7,5 - For Ø7.5 mm holes - Para orificios Ø7,5 - Pour trous Ø 7,5 - Für Löcher Ø7,5	■	1

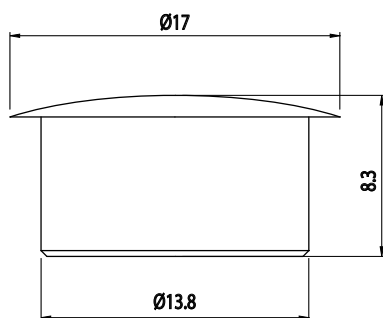
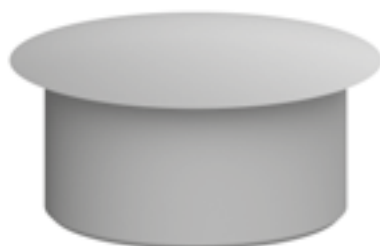
Poliammide

Polyamide - Polyamide
Poliàmida - Polyamid



TAPPO CHIUDI FORO

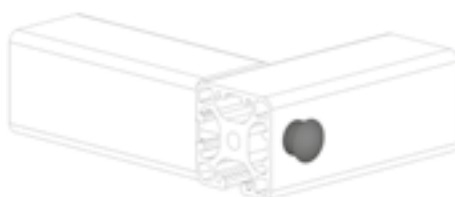
HOLE CLOSER CAP
TAPÓN TAPA-AGUJERO
BOUCHON DE FERMETURE TROU
ABDECKKAPPE FÜR LÖCHER



CODICE	Note	Colore	g
084.202.005	Per fori Ø13 - For Ø13 mm holes - Para orificios Ø13 - Pour trous Ø 13 - Für Löcher Ø13	■	1
084.202.005N	Per fori Ø13 - For Ø13 mm holes - Para orificios Ø13 - Pour trous Ø 13 - Für Löcher Ø13	■	1

Poliammide

Polyamide - Polyamide
Poliàmida - Polyamid



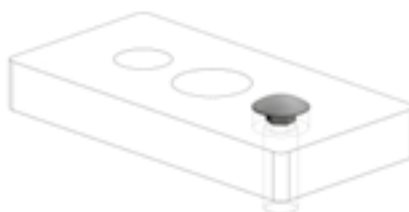
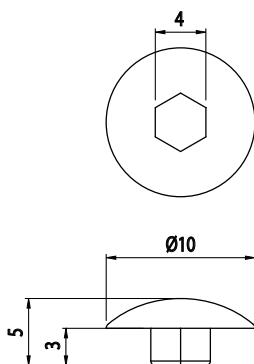


TAPPO CHIUSURA VITE
 SCREW CLOSER CAP
 TAPÓN TAPA-TORNILLO
 BOUCHON DE FERMETURE VIS
 ABDECKKAPPE FÜR SCHRAUBEN

CODICE	Note	g
084.202.006	Vite M6 esagono 4 - M6 screw, 4 mm hex socket head - Tornillo M6 con hexágono de 4 mm - Vis M6 hexagone 4 - Schraube M6 Sechskant 4	1

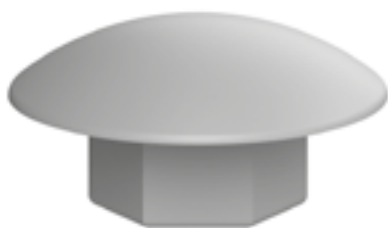


Poliammide grigia
 Grey polyamide - Polyamide gris
 Poliamida color gris - Polyamid grau

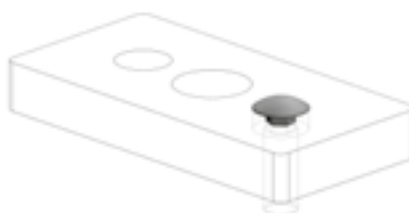
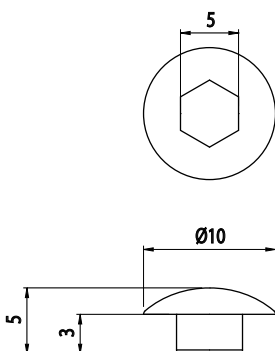


TAPPO CHIUSURE VITE
 SCREW CLOSER CAP
 TAPÓN TAPA-TORNILLO
 BOUCHON DE FERMETURE VIS
 ABDECKKAPPE FÜR SCHRAUBEN

CODICE	Note	g
084.202.009	Vite M6 esagono 5 - M6 screw, 5 mm hex socket head - Tornillo M6 con hexágono de 5 mm - Vis M6 hexagone 5 - Schraube M6 Sechskant 5	1



Poliammide grigia
 Grey polyamide - Polyamide gris
 Poliamida color gris - Polyamid grau

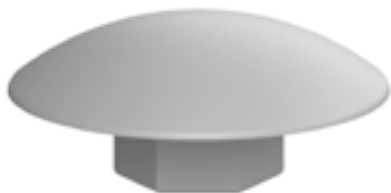




TAPPO CHIUSURA VITE

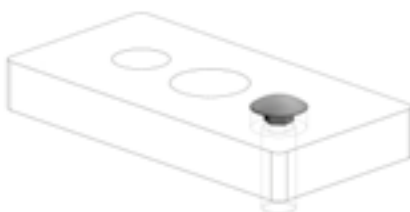
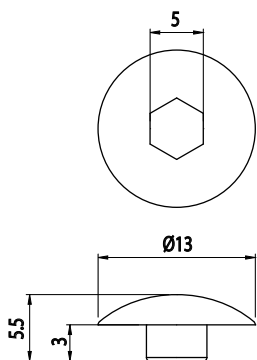
SCREW CLOSER CAP
TAPÓN TAPA-TORNILLO
BOUCHON DE FERMETURE VIS
ABDECKKAPPE FÜR SCHRAUBEN

CODICE	Note	g
084.202.007	Vite M6 esagono 5 - M6 screw, 5 mm hex socket head - Tornillo M6 con hexágono de 5 mm - Vis M6 hexagone 5 - Schraube M6 Sechskant 5	1



Poliammide grigia

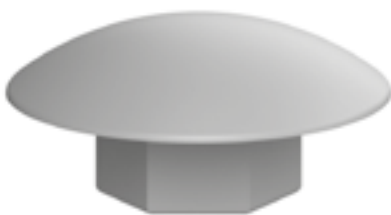
Grey polyamide - Polyamide gris
Poliamida color gris - Polyamid grau



TAPPO CHIUSURA VITE

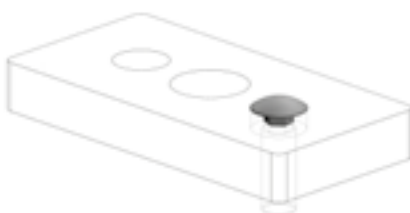
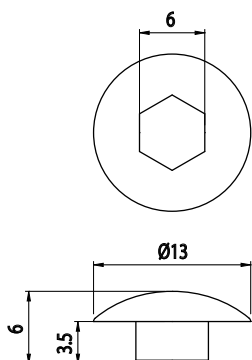
SCREW CLOSER CAP
TAPÓN TAPA-TORNILLO
BOUCHON DE FERMETURE VIS
ABDECKKAPPE FÜR SCHRAUBEN

CODICE	Note	g
084.202.008	Vite M6 esagono 6 - M6 screw, 6 mm hex socket head - Tornillo M6 con hexágono de 6 mm - Vis M6 hexagone 6 - Schraube M6 Sechskant 6	1



Poliammide grigia

Grey polyamide - Polyamide gris
Poliamida color gris - Polyamid grau

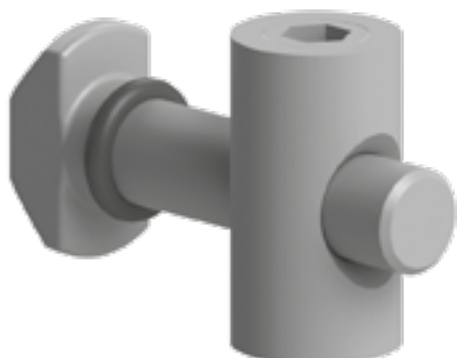




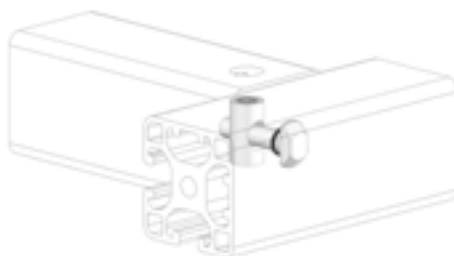
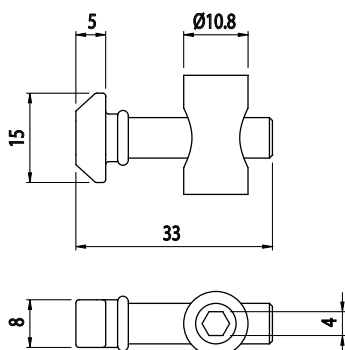
NOTTOLINO
PAWL
FIADOR
CLIQUET
KUPPLUNGSSTÜCK



CODICE	Note	g
084.306.014	Verticale - Vertical - Vertical - Vertical - Vertikal	19



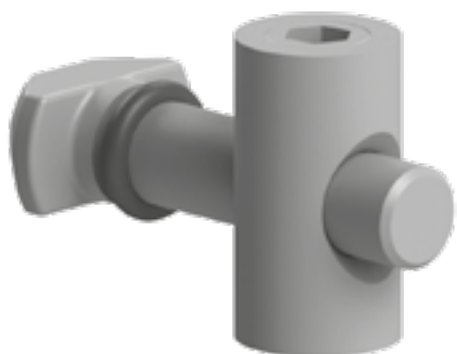
Acciaio zincato
Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



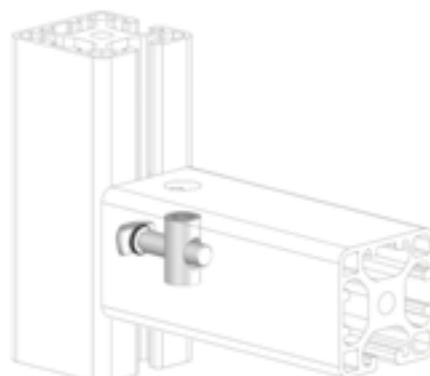
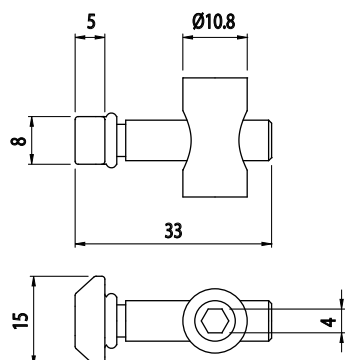
NOTTOLINO
PAWL
FIADOR
CLIQUET
KUPPLUNGSSTÜCK



CODICE	Note	g
084.306.015	Orizzontale - Horizontal - Horizontal - Horizontal - Horizontal	19



Acciaio zincato
Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



GIUNTO ANGOLARE 30°

30° ANGLE JOINT
EMPALME ANGULAR 30°
JOINT D'ANGLE 30°
WINKELVERBINDER 30°

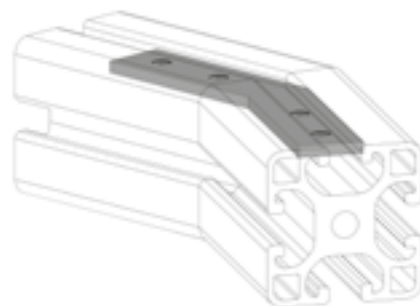
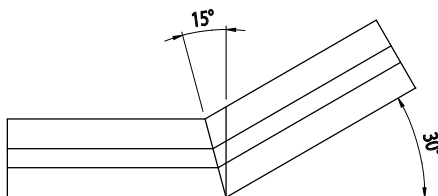
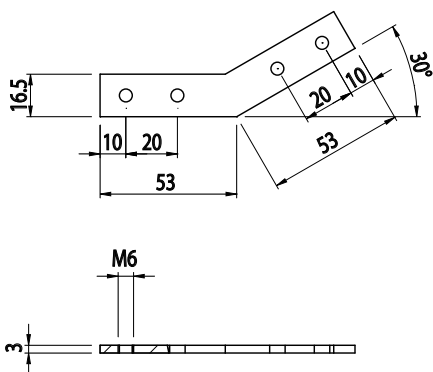
IM
85
40

CODICE	Note	g
084.307.043	Completo di 4 grani M6x8 - Complete with 4 x M6x8 grub screws - Incluye 4 tornillos sin cabeza M6x8 - Avec 4 pions M6x8 - Einschließlich 4 Stifte M6x8	38



Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



GIUNTO ANGOLARE 45°

45° ANGLE JOINT
EMPALME ANGULAR 45°
JOINT D'ANGLE 45°
WINKELVERBINDER 45°

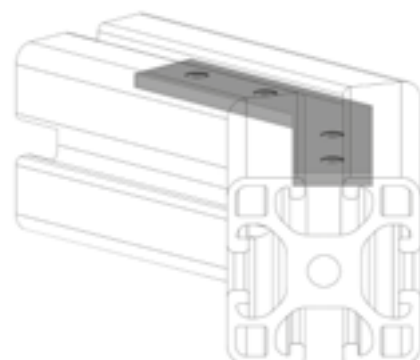
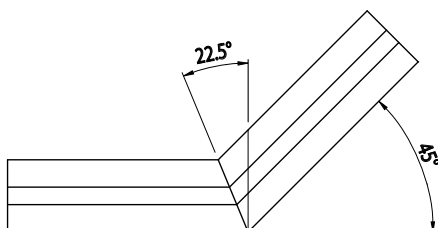
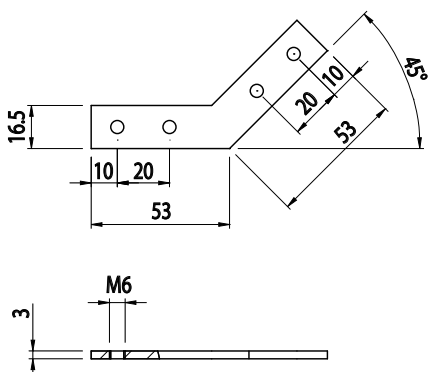
IM
85
40

CODICE	Note	g
084.307.044	Completo di 4 grani M6x8 - Complete with 4 x M6x8 grub screws - Incluye 4 tornillos sin cabeza M6x8 - Avec 4 pions M6x8 - Einschließlich 4 Stifte M6x8	38



Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl





GIUNTO ANGOLARE 60°

60° ANGLE JOINT
EMPALME ANGULAR 60°
JOINT D'ANGLE 60°
WINKELVERBINDER 60°

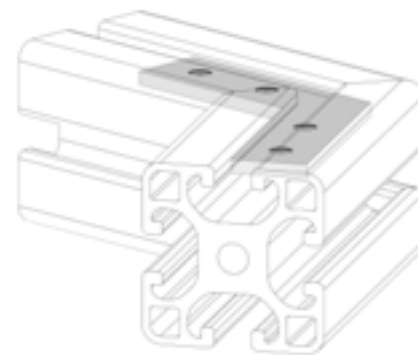
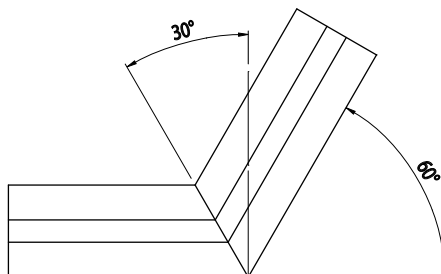
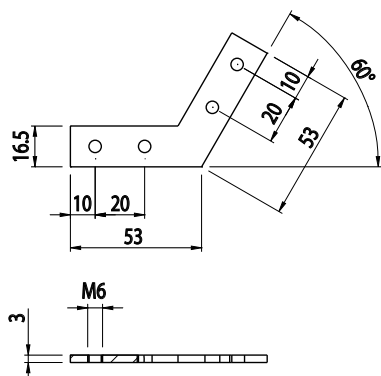
IM
8
40

CODICE	Note	g
084.307.045	Completo di 4 grani M6x8 - Complete with 4 x M6x8 grub screws - Incluye 4 tornillos sin cabeza M6x8 - Avec 4 pions M6x8 - Einschließlich 4 Stifte M6x8	38



Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



GIUNTO ANGOLARE 90°

90° ANGLE JOINT
EMPALME ANGULAR 90°
JOINT D'ANGLE 90°
WINKELVERBINDER 90°

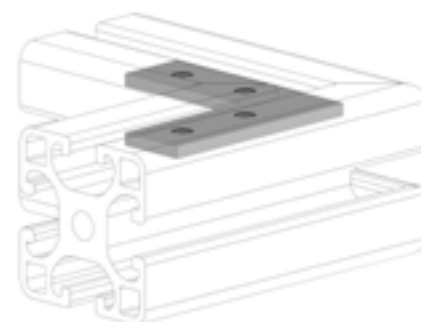
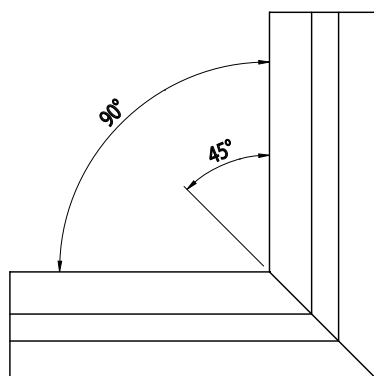
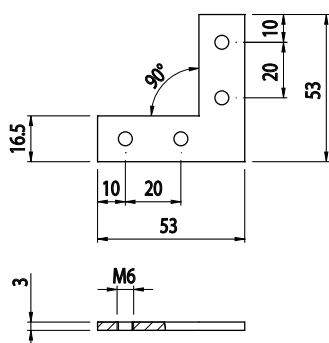
IM
8
40

CODICE	Note	g
084.307.046	Completo di 4 grani M6x8 - Complete with 4 x M6x8 grub screws - Incluye 4 tornillos sin cabeza M6x8 - Avec 4 pions M6x8 - Einschließlich 4 Stifte M6x8	38



Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



GIUNTO LINEARE 180 mm

180 mm LINEAR JOINT
 EMPALME LINEAL 180 mm
 JOINT LINÉAIRE 180 mm
 LINEARER VERBINDER 180 mm

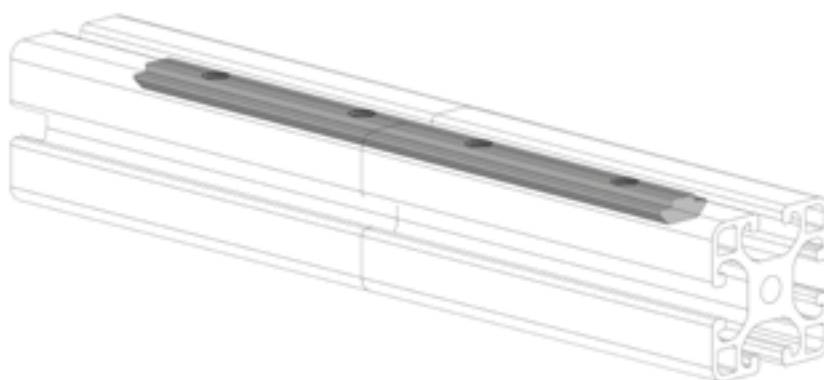
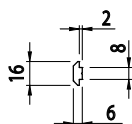
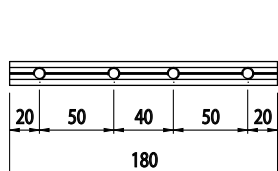
IM
 85
 40

CODICE	Note	g
084.307.051	Completo di 4 grani M6 - Complete with 4 x M6 grub screws - Incluye 4 tornillos sin cabeza M6 - Avec 4 pions M6 - Einschließlich 4 Stifte M6	124



Acciaio zincato

Galvanised steel - Acier zingué
 Acero galvanizado - Verzinkter Stahl





PIASTRE DI GIUNZIONE

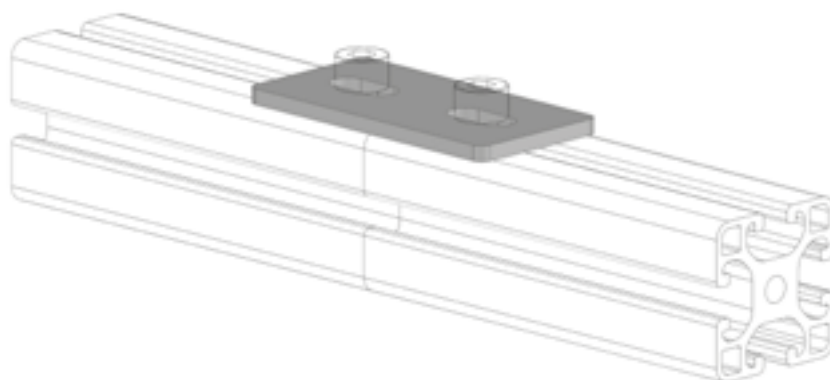
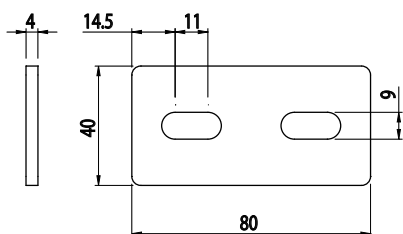
JOINT PLATES
PLETINAS DE ACOPLAMIENTO
PLAQUES DE JONCTION
VERBINDUNGSPLATTEN

CODICE	Note	g
084.710.002	Per profili 40x40 e 45x45 - For 40x40 and 45x45 profiles - Para perfiles 40x40 y 45x45 - Pour profilés 40x40 et 45x45 - Für Profile 40x40 und 45x45	88



Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



PIASTRE DI GIUNZIONE

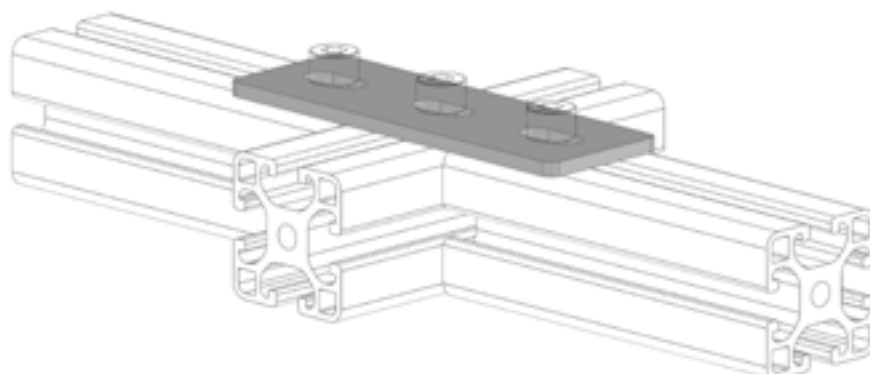
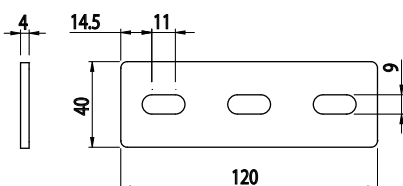
JOINT PLATES
PLETINAS DE ACOPLAMIENTO
PLAQUES DE JONCTION
VERBINDUNGSPLATTEN

CODICE	Note	g
084.710.004	Per profili 40x40 e 45x45 - For 40x40 and 45x45 profiles - Para perfiles 40x40 y 45x45 - Pour profilés 40x40 et 45x45 - Für Profile 40x40 und 45x45	132



Acciaio zincato

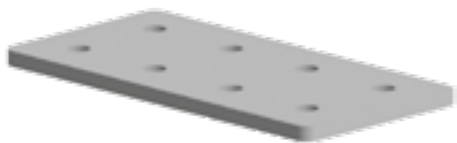
Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



PIASTRE DI GIUNZIONE

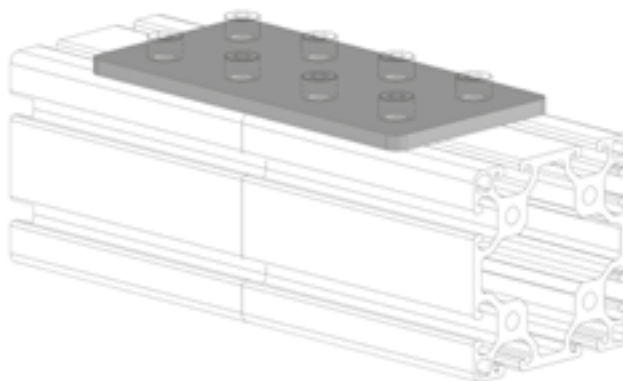
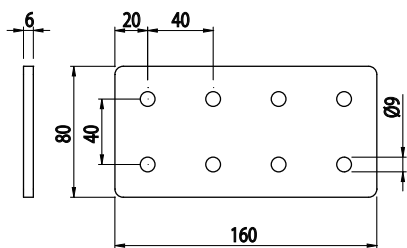
JOINT PLATES
 PLETINAS DE ACOPLAMIENTO
 PLAQUES DE JONCTION
 VERBINDUNGSPLETTEN

CODICE	Note	g
084.710.003	Per profili 40x80 e 80x80 - For 40x80 and 80x80 profiles - Para perfiles 40x80 y 80x80 - Pour profilés 40x80 et 80x80 - Für Profile 40x80 und 80x80	730



Acciaio zincato

Galvanised steel - Acier zingué
 Acero galvanizado - Verzinkter Stahl

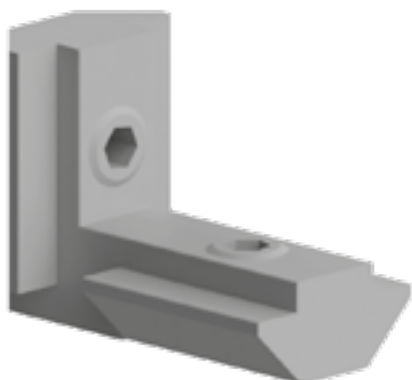




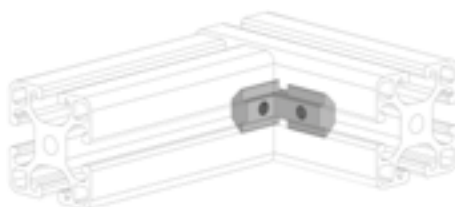
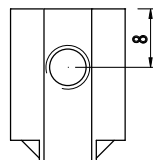
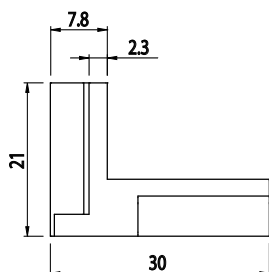
GIUNTO INTERNO
 INTERNAL JOINT
 EMPALME INTERNO
 JOINT INTERNE
 INNENSEITIGER VERBINDER

IM
85
40

CODICE	Note	
084.307.052	Completo di 2 grani - Complete with 2 grub screws - Incluye 2 tornillos sin cabeza - Avec 2 pions - Einschließlich 2 Stifte	g 22



Acciaio zincato
 Galvanised steel - Acier zingué
 Acero galvanizado - Verzinkter Stahl



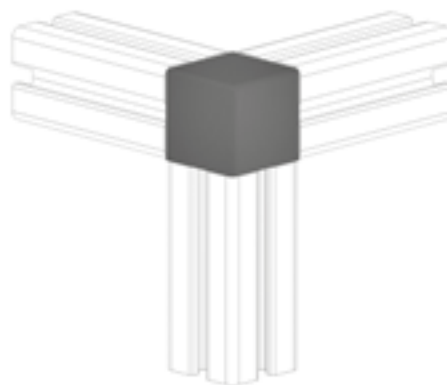
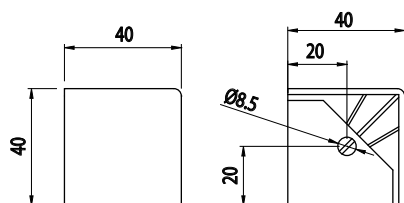
GIUNTO 3 VIE
THREE-WAY JOINT
EMPALME DE 3 VÍAS
JOINT 3 VOIES
DREI-WEGE-VERBINDER

CODICE	Note	g
084.310.025	Per profilo 40x40 - For 40x40 profile - Para perfil 40x40 - Pour profilé 40x40 - Für Profil 40x40	110



Zama/Poliamide nero

Zamak/Black polyamide - Zamak/Polyamide noir
Zamak/poliamida color negro - Zamak/Polyamid schwarz

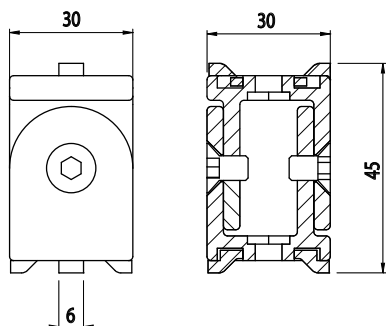




GIUNTO SNODATO 30x30
 ARTICULATED JOINT, 30x30
 EMPALME ARTICULADO 30x30
 JOINT ARTICULÉ 30x30
 VERBINDER MIT GELENK 30x30

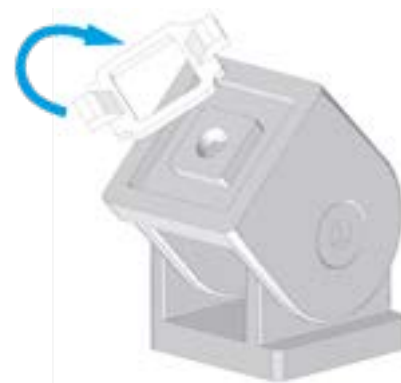
IM
6
30

CODICE	Note	g
084.311.009	Con sistema antirotazione orientabile - With orientable anti-rotation system - Con sistema antirrotación orientable - Avec système anti-rotation orientable - Mit verstellbarer Verdrehsicherung	9 55



Alluminio sabbato

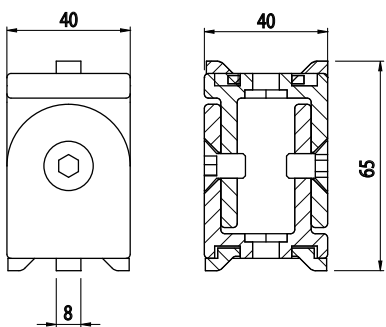
Sandblasted aluminium - Aluminium sablé
 Aluminio arenado - Sandgestrahltes Aluminium



GIUNTO SNODATO 40x40
 ARTICULATED JOINT, 40x40
 EMPALME ARTICULADO 40x40
 JOINT ARTICULÉ 40x40
 VERBINDER MIT GELENK 40x40

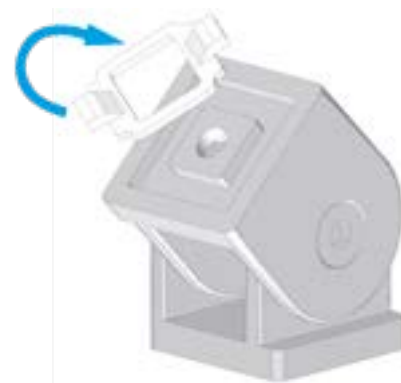
IM
8
40

CODICE	Note	g
084.311.010	Con sistema antirotazione orientabile - With orientable anti-rotation system - Con sistema antirrotación orientable - Avec système anti-rotation orientable - Mit verstellbarer Verdrehsicherung	9 146



Alluminio sabbato

Sandblasted aluminium - Aluminium sablé
 Aluminio arenado - Sandgestrahltes Aluminium

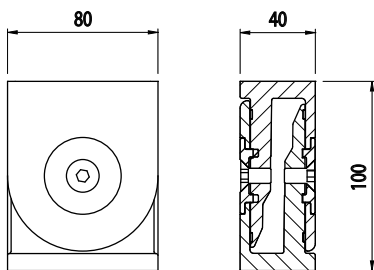


GIUNTO SNODATO 40x80
 ARTICULATED JOINT, 40x80
 EMPALME ARTICULADO 40x80
 JOINT ARTICULÉ 40x80
 VERBINDER MIT GELENK 40x80



CODICE	Note	g
084.311.011	Con sistema antirotazione - With anti-rotation system - Con sistema antifrotación - Avec système anti-rotation - Mit Verdrehsicherung	997

Zama
 Zamak - Zamak
 Zamak - Zamak





PIASTRA DI FISSAGGIO 40x40

FASTENING PLATE 40x40
 PLETINA DE FIJACIÓN 40x40
 PLAQUE DE FIXATION 40x40
 BEFESTIGUNGSPLATTE 40x40

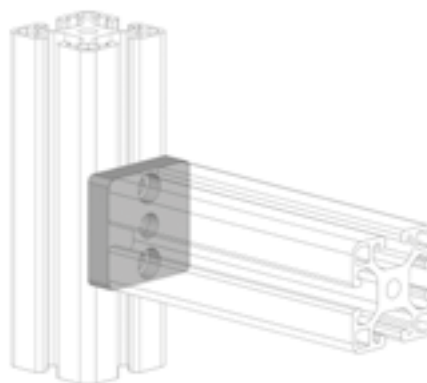
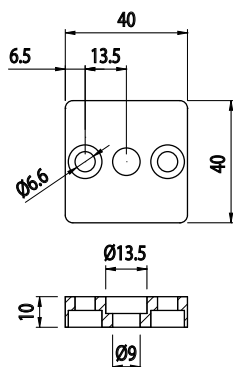


CODICE	Note	g
084.308.003	Per profilo 40x40 - For 40x40 profile - Para perfil 40x40 - Pour profilé 40x40 - Für Profil 40x40	40



Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
 Aluminio anodizado - Eloxiertes Aluminium

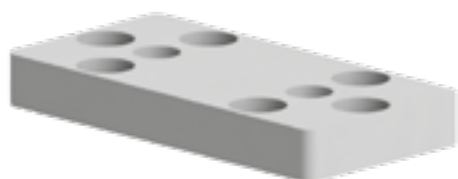


PIASTRA DI FISSAGGIO 40x80

FASTENING PLATE 40x80
 PLETINA DE FIJACIÓN 40x80
 PLAQUE DE FIXATION 40x80
 BEFESTIGUNGSPLATTE 40x80

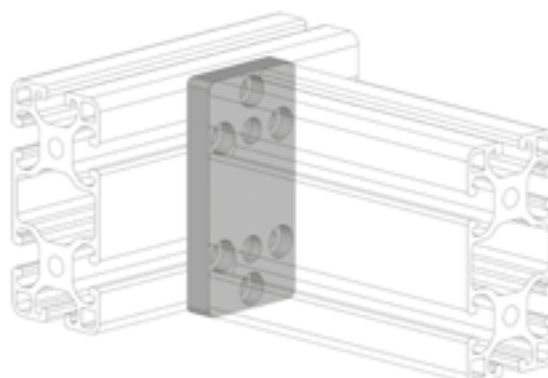
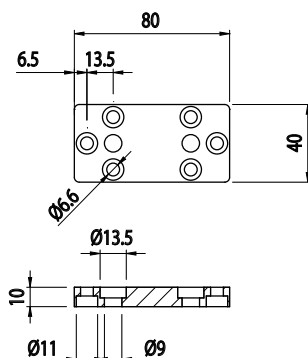


CODICE	Note	g
084.308.004	Per profilo 40x80 - For 40x80 profile - Para perfil 40x80 - Pour profilé 40x80 - Für Profil 40x80	80



Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
 Aluminio anodizado - Eloxiertes Aluminium

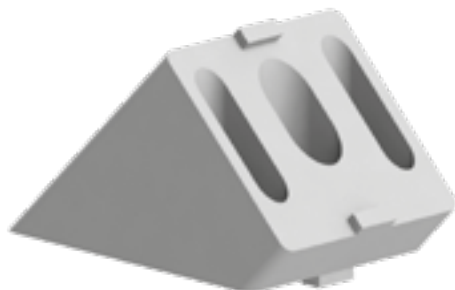


ANGOLARE DI RACCORDO

ANGLE CONNECTOR
 ÁNGULO DE UNIÓN
 CORNIÈRE DE RACCORD
 WINKELFÖRMIGES VERBINDUNGSTÜCK

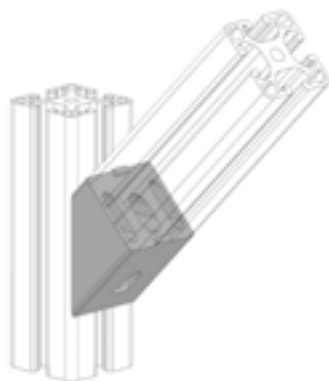
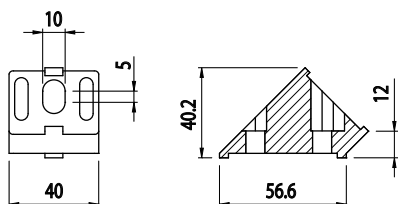


CODICE	Note	g
084.305.011	Per profili 40x40 a 45° - For 40x40 profiles at 45° - Para perfiles 40x40 de 45° - Pour profilés 40x40 à 45° - Für 45°-Profile 40x40	210



Zama

Zamak - Zamak
 Zamak - Zamak



ANGOLARE DI RACCORDO

ANGLE CONNECTOR
 ÁNGULO DE UNIÓN
 CORNIÈRE DE RACCORD
 WINKELFÖRMIGES VERBINDUNGSTÜCK

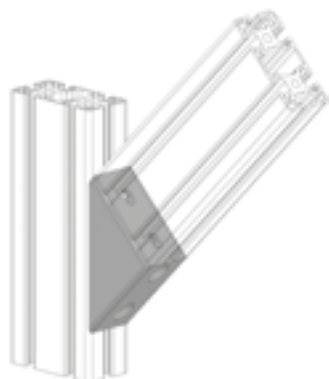
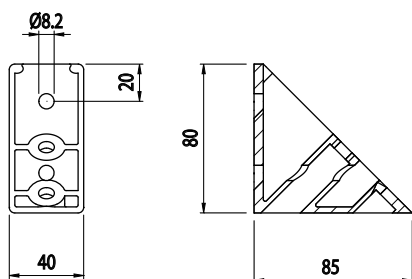


CODICE	Note	g
084.305.018	Per profili 40x80 a 45° - For 40x80 profiles at 45° - Para perfiles 40x80 de 45° - Pour profilés 40x80 à 45° - Für 45°-Profile 40x80	350



Zama

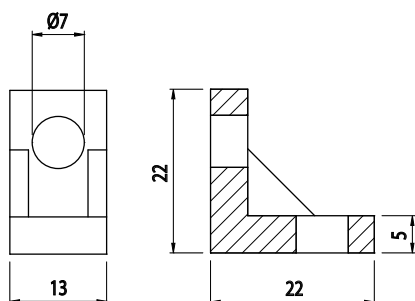
Zamak - Zamak
 Zamak - Zamak





ANGOLARE 13X22

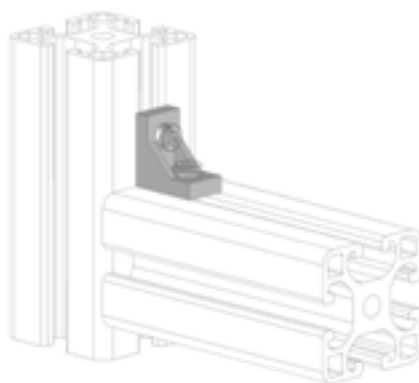
13X22 ANGLE
 ÁNGULO 13X22
 CORNIÈRE 13X22
 WINKELSTÜCK 13X22



CODICE	Note	g
084.305.006	Montaggio con viti M6x12 non incluse - Assembly with M6x12 screws, not included - Montaje con tornillos M6x12, no incluidos - Montage avec vis M6x12 non fournies - Montage mit Schrauben M6x12 (nicht im Lieferumfang enthalten)	9 6

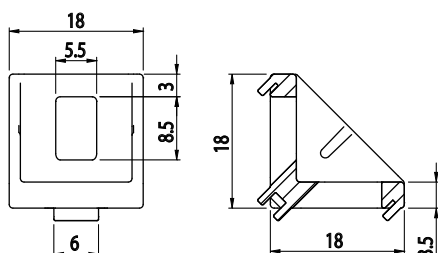
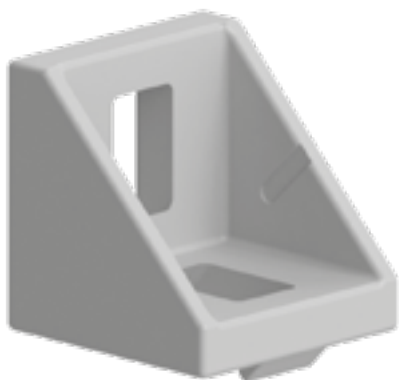
Alluminio sabbato

Sandblasted aluminium - Aluminium sablé
 Aluminio arenado - Sandgestrahltes Aluminium



ANGOLARE 18x18

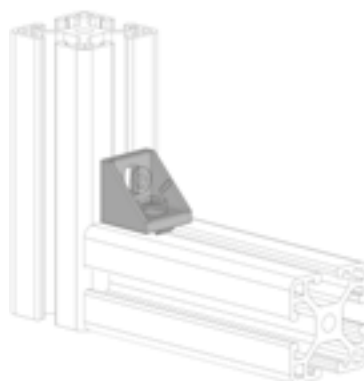
18x18 ANGLE
 ÁNGULO 18x18
 CORNIÈRE 18x18
 WINKELSTÜCK 18x18



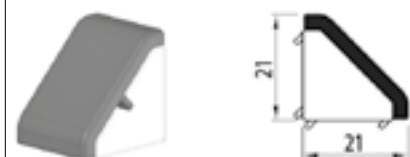
CODICE	Note	g
084.305.032	Montaggio con viti M5x12 non incluse - Assembly with M5x12 screws, not included - Montaje con tornillos M5x12, no incluidos - Montage avec vis M5x12 non fournies - Montage mit Schrauben M5x12 (nicht im Lieferumfang enthalten)	5

Alluminio sabbato

Sandblasted aluminium - Aluminium sablé
 Aluminio arenado - Sandgestrahltes Aluminium



Tappo - Cap - Tapon - Embout - Abdeckkappe

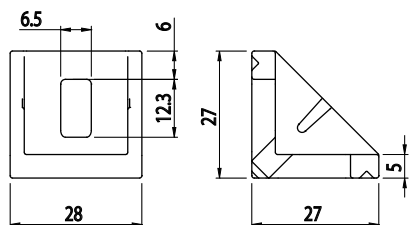
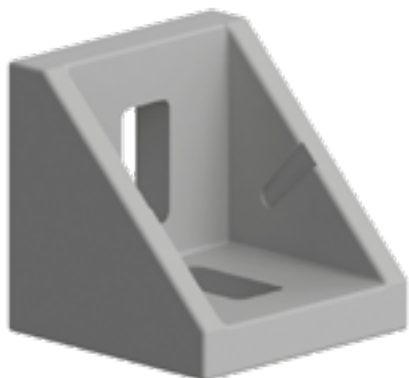


CODICE	Materiale	g	Colore
084.206.007	PA	3	■
084.206.007G	PA	3	■



ANGOLARE 27x27

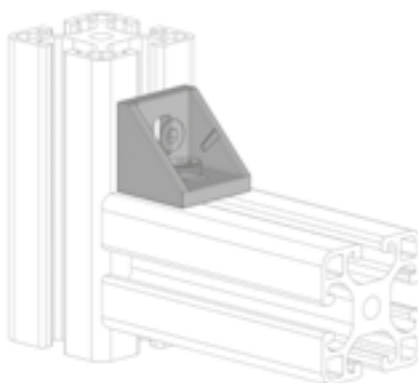
27x27 ANGLE
ÁNGULO 27x27
CORNIÈRE 27x27
WINKELSTÜCK 27x27



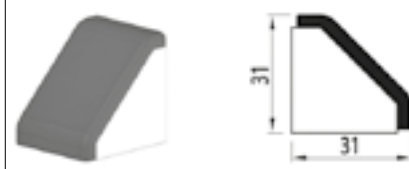
CODICE	Note	g
084.305.010	Montaggio con viti M6x16 non incluse - Assembly with M6x16 screws, not included - Montaje con tornillos M6x16, no incluidos - Montage avec vis M6x16 non fournies - Montage mit Schrauben M6x16 (nicht im Lieferumfang enthalten)	29

Alluminio sabbato

Sandblasted aluminium - Aluminium sablé
Aluminio arenado - Sandgestrahltes Aluminium



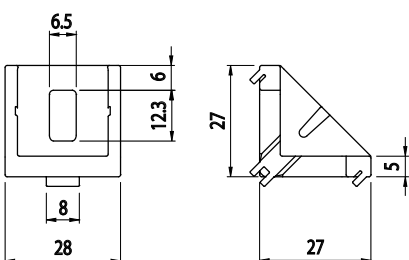
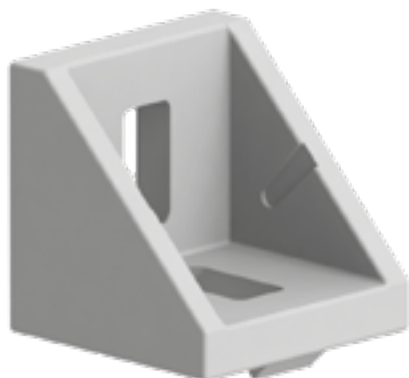
Tappo - Cap - Tapon - Embout - Abdeckkappe



CODICE	Materiale	g	Colore
084.206.008	PA	6	■
084.206.008G	PA	6	■

ANGOLARE 27x27

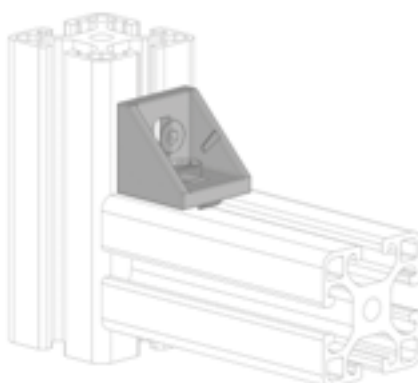
27x27 ANGLE
ÁNGULO 27x27
CORNIÈRE 27x27
WINKELSTÜCK 27x27



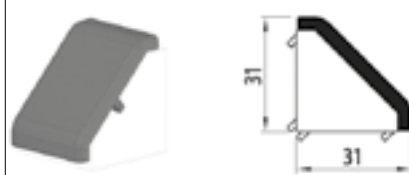
CODICE	Note	g
084.305.036	Montaggio con viti M6x16 non incluse - Assembly with M6x16 screws, not included - Montaje con tornillos M6x16, no incluidos - Montage avec vis M6x16 non fournies - Montage mit Schrauben M6x16 (nicht im Lieferumfang enthalten)	19

Alluminio sabbato

Sandblasted aluminium - Aluminium sablé
Aluminio arenado - Sandgestrahltes Aluminium



Tappo - Cap - Tapon - Embout - Abdeckkappe

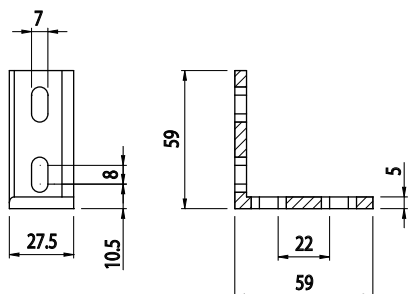


CODICE	Materiale	g	Colore
084.206.008	PA	6	■
084.206.008G	PA	6	■



ANGOLARE 27x59

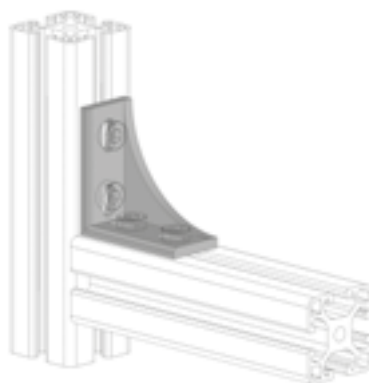
27x59 ANGLE
 ÁNGULO 27x59
 CORNIÈRE 27x59
 WINKELSTÜCK 27x59



CODICE	Note	g
084.305.007	Montaggio con viti M6x16 non incluse - Assembly with M6x16 screws, not included - Montaje con tornillos M6x16, no incluidos - Montage avec vis M6x16 non fournies - Montage mit Schrauben M6x16 (nicht im Lieferumfang enthalten)	46

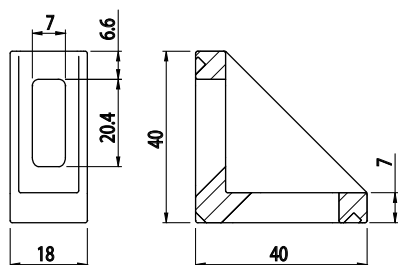
Alluminio sabbato

Sandblasted aluminium - Aluminium sablé
 Aluminio arenado - Sandgestrahltes Aluminium



ANGOLARE 18x40

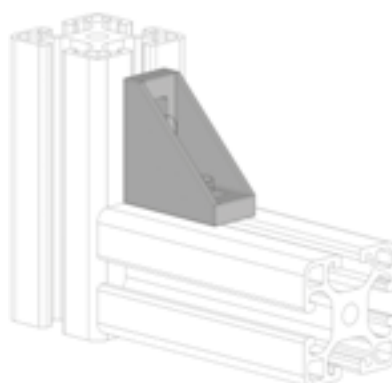
18x40 ANGLE
 ÁNGULO 18x40
 CORNIÈRE 18x40
 WINKELSTÜCK 18x40



CODICE	Note	g
084.305.001	Montaggio con viti M6 non incluse - Assembly with M6 screws, not included - Montaje con tornillos M6, no incluidos - Montage avec vis M6 non fournies - Montage mit Schrauben M6 (nicht im Lieferumfang enthalten)	20

Alluminio sabbato

Sandblasted aluminium - Aluminium sablé
 Aluminio arenado - Sandgestrahltes Aluminium



Tappo - Cap - Tapon - Embout - Abdeckkappe

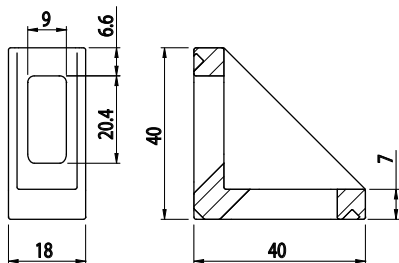


CODICE	Materiale	g	Colore
084.206.001	PA	3	■
084.206.001G	PA	3	■



ANGOLARE 18x40

18x40 ANGLE
ÁNGULO 18x40
CORNIÈRE 18x40
WINKELSTÜCK 18x40

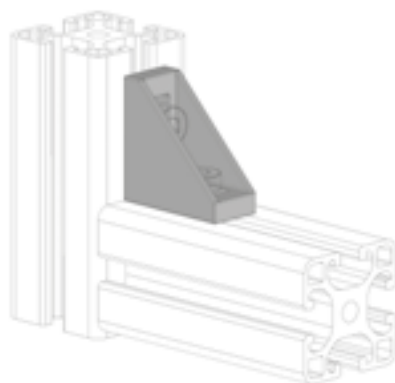


NEW

CODICE	Note	g
084.305.041	Montaggio con viti M8x20 non incluse - Assembly with M8x20 screws, not included - Montaje con tornillos M8x20, no incluidos - Montage avec vis M8x20 non fournies - Montage mit Schrauben M8x20 (nicht im Lieferumfang enthalten)	20

Alluminio sabbato

Sandblasted aluminium - Aluminium sablé
Aluminio arenado - Sandgestrahltes Aluminium



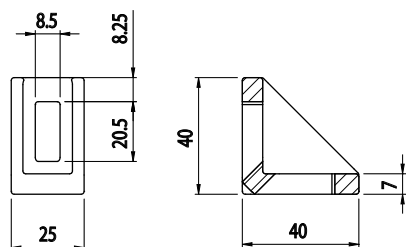
Tappo - Cap - Tapon - Embout - Abdeckkappe



CODICE	Materiale	g	Colore
084.206.001	PA	3	■
084.206.001G	PA	3	■

ANGOLARE 25x40

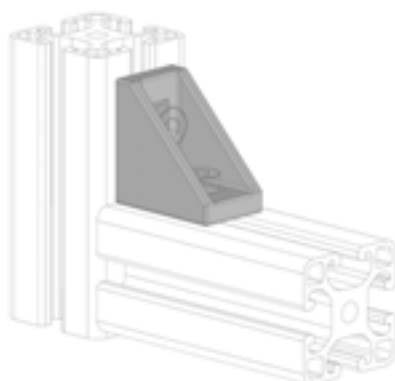
25x40 ANGLE
ÁNGULO 25x40
CORNIÈRE 25x40
WINKELSTÜCK 25x40



CODICE	Note	g
084.305.002	Montaggio con viti M8x20 non incluse - Assembly with M8x20 screws, not included - Montaje con tornillos M8x20, no incluidos - Montage avec vis M8x20 non fournies - Montage mit Schrauben M8x20 (nicht im Lieferumfang enthalten)	30

Alluminio sabbato

Sandblasted aluminium - Aluminium sablé
Aluminio arenado - Sandgestrahltes Aluminium



Tappo - Cap - Tapon - Embout - Abdeckkappe

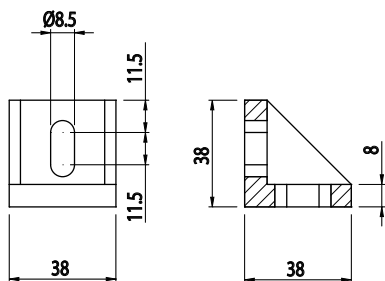
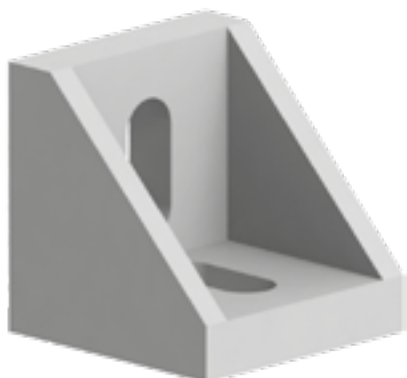


CODICE	Materiale	g	Colore
084.206.002	PA	4	■
084.206.002G	PA	4	■



ANGOLARE 38x38

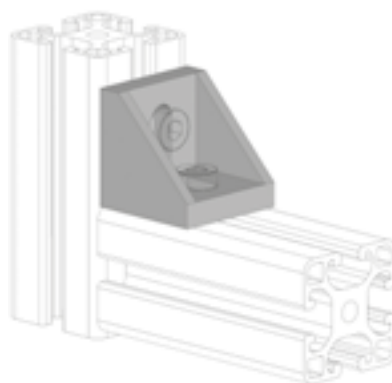
38x38 ANGLE
 ÁNGULO 38x38
 CORNIÈRE 38x38
 WINKELSTÜCK 38x38



CODICE	Note	g
084.305.009	Montaggio con viti M8x20 non incluse - Assembly with M8x20 screws, not included - Montaje con tornillos M8x20, no incluidos - Montage avec vis M8x20 non fournies - Montage mit Schrauben M8x20 (nicht im Lieferumfang enthalten)	50

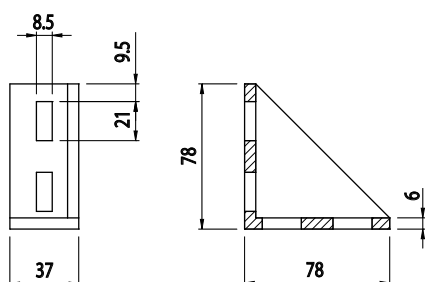
Alluminio sabbato

Sandblasted aluminium - Aluminium sablé
 Aluminio arenado - Sandgestrahltes Aluminium



ANGOLARE 37x78

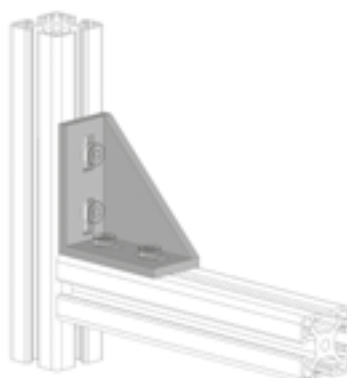
37x78 ANGLE
 ÁNGULO 37x78
 CORNIÈRE 37x78
 WINKELSTÜCK 37x78



CODICE	Note	g
084.305.024	Montaggio con viti M8x20 non incluse - Assembly with M8x20 screws, not included - Montaje con tornillos M8x20, no incluidos - Montage avec vis M8x20 non fournies - Montage mit Schrauben M8x20 (nicht im Lieferumfang enthalten)	115

Alluminio sabbato

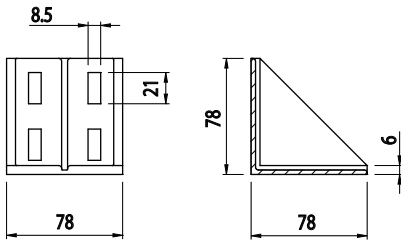
Sandblasted aluminium - Aluminium sablé
 Aluminio arenado - Sandgestrahltes Aluminium





ANGOLARE 78x78

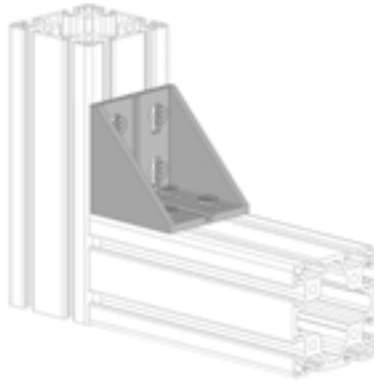
78x78 ANGLE
ÁNGULO 78x78
CORNIÈRE 78x78
WINKELSTÜCK 78x78



CODICE	Note	g
084.305.022	Montaggio con viti M8x20 non incluse - Assembly with M8x20 screws, not included - Montaje con tornillos M8x20, no incluidos - Montage avec vis M8x20 non fournies - Montage mit Schrauben M8x20 (nicht im Lieferumfang enthalten)	234

Alluminio sabbato

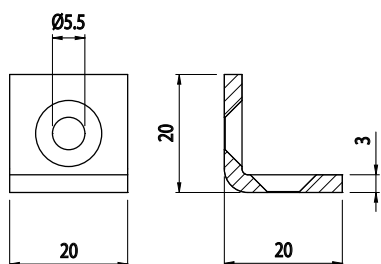
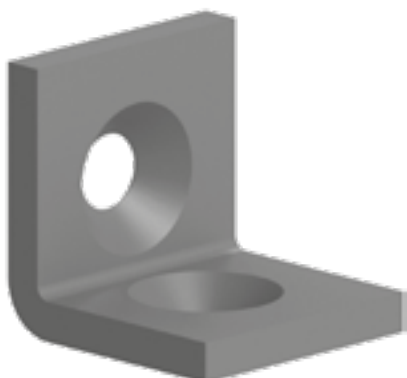
Sandblasted aluminium - Aluminium sablé
Aluminio arenado - Sandgestrahltes Aluminium





ANGOLARE 20x20

20x20 ANGLE
 ÁNGULO 20x20
 CORNIÈRE 20x20
 WINKELSTÜCK 20x20



CODICE	Note	g
084.305.037	Montaggio con viti M5 non incluse - Assembly with M5 screws, not included - Montaje con tornillos M5, no incluidos - Montage avec vis M5 non fournies - Montage mit Schrauben M5 (nicht im Lieferumfang enthalten)	13

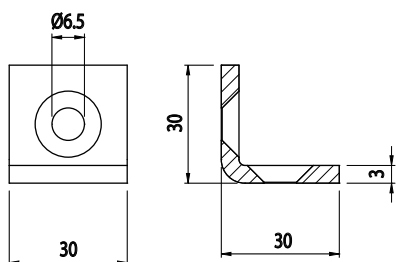
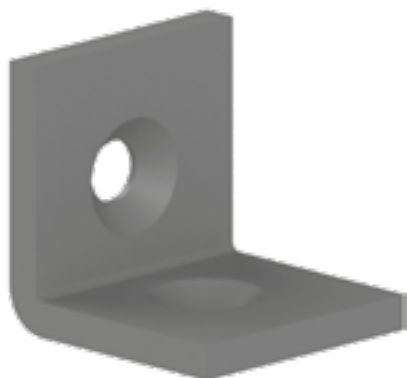
Acciaio verniciato nero

Black painted steel - Acier peint noir
 Acero barnizado en negro - Stahl schwarz lackiert



ANGOLARE 30x30

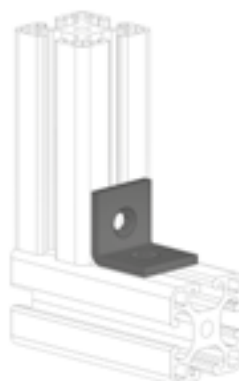
30x30 ANGLE
 ÁNGULO 30x30
 CORNIÈRE 30x30
 WINKELSTÜCK 30x30



CODICE	Note	g
084.305.038	Montaggio con viti M6 non incluse - Assembly with M6 screws, not included - Montaje con tornillos M6, no incluidos - Montage avec vis M6 non fournies - Montage mit Schrauben M6 (nicht im Lieferumfang enthalten)	41

Acciaio verniciato nero

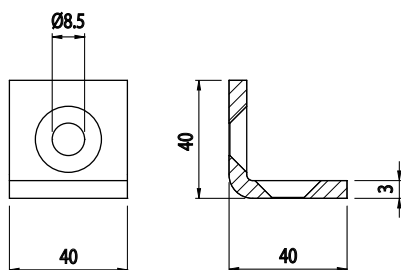
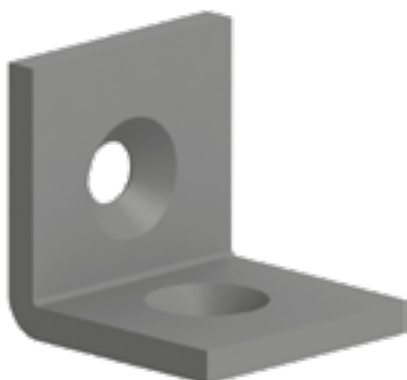
Black painted steel - Acier peint noir
 Acero barnizado en negro - Stahl schwarz lackiert





ANGOLARE 40x40

40x40 ANGLE
 ÁNGULO 40x40
 CORNIÈRE 40x40
 WINKELSTÜCK 40x40



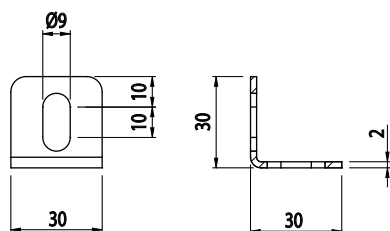
CODICE	Note	g
084.305.039	Montaggio con viti M8 non incluse - Assembly with M8 screws, not included - Montaje con tornillos M8, no incluidos - Montage avec vis M8 non fournies - Montage mit Schrauben M8 (nicht im Lieferumfang enthalten)	80

Acciaio verniciato nero

Black painted steel - Acier peint noir
 Acero barnizado en negro - Stahl schwarz lackiert

ANGOLARE 30x30

30x30 ANGLE
 ÁNGULO 30x30
 CORNIÈRE 30x30
 WINKELSTÜCK 30x30



INOX

CODICE	Note	g
084.305.016	Montaggio con viti M8x16 non incluse - Assembly with M8x16 screws, not included - Montaje con tornillos M8x16, no incluidos - Montage avec vis M8x16 non fournies - Montage mit Schrauben M8x16 (nicht im Lieferumfang enthalten)	23

Acciaio inox

Black painted steel - Acier peint noir
 Acero barnizado en negro - Stahl schwarz lackiert

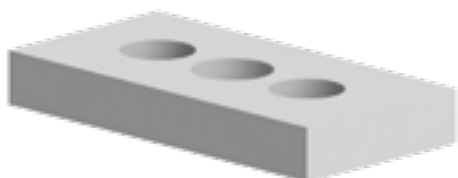




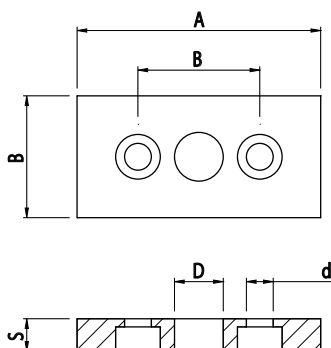
PIASTRA PER PIEDINI E RUOTE

PLATE FOR FEET AND WHEELS
 PLETINA PARA PIES Y RUEDAS
 PLAQUE POUR PIEDS ET ROUES
 PLATTE FÜR FÜSSE UND RÄDER

CODICE	Note	d	A	D	B	s	g
084.405.003	-	6,5	60	M12	30	8	34
084.405.027		8,5	80	M12	40	12	80
084.405.005	-	8,5	80	M16	40	12	80



Alluminio
 Aluminium - Aluminium
 Aluminio - Aluminium





TRIEDE 40X40
 40X40 TRIPOD FOOT
 TRÍPODE 40X40
 TRÉPIED 40x40
 DREIFUSS 40X40

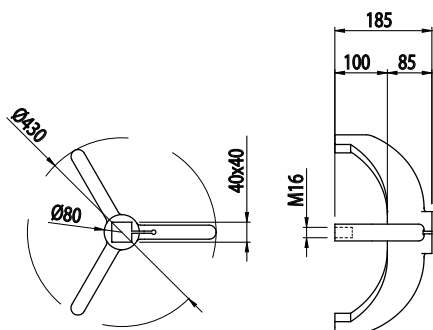
NEW

IM
 2 8 5
 40

CODICE	Note	g
084.408.003	Adatto ai piedi snodati M16 - Suitable for M16 articulated feet - Apto para pies articulados M16 - Adapté aux pieds articulés M16 - Geeignet für GelenkfüÙe M16	1010



Poliammide nero
 Black polyamide - Polyamide noir
 Poliamida color negro - Polyamid schwarz





STAFFA A PAVIMENTO

FLOOR BRACKET
ESTRIBO PARA FIJACIÓN AL SUELO
BRIDE AU SOL
BODENBÜGEL

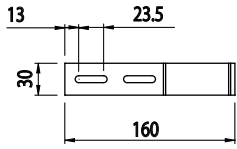
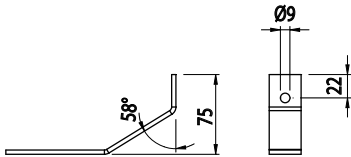
IM
6
30

CODICE	Note	g
084.409.006	Per profili 30 mm - For 30 mm profiles - Para perfiles de 30 mm - Pour profilés 30 mm - Für Profile 30 mm	173



Acciaio verniciato grigio

Grey painted steel - Acier peint gris
Acero barnizado en gris - Stahl grau lackiert



STAFFA A PAVIMENTO

FLOOR BRACKET
ESTRIBO PARA FIJACIÓN AL SUELO
BRIDE AU SOL
BODENBÜGEL

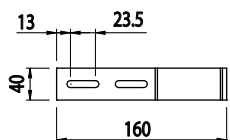
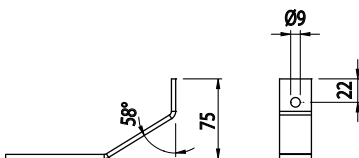
IM
8
40

CODICE	Note	g
084.409.007	Per profili 40 mm - For 40 mm profiles - Para perfiles de 40 mm - Pour profilés 40 mm - Für Profile 40 mm	242



Acciaio verniciato grigio

Grey painted steel - Acier peint gris
Acero barnizado en gris - Stahl grau lackiert





STAFFA A PAVIMENTO

FLOOR BRACKET
ESTRIBO PARA FIJACIÓN AL SUELO
BRIDE AU SOL
BODENBÜGEL

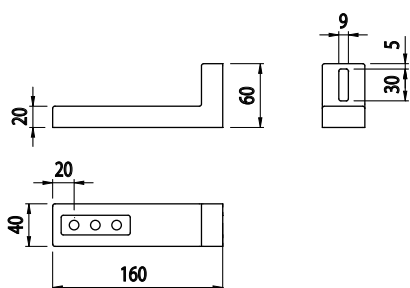
IM
285
40

CODICE	Note	
084.409.008	Per profili 40 mm - For 40 mm profiles - Para perfiles de 40 mm - Pour profils 40 mm - Für Profile 40 mm	g 208



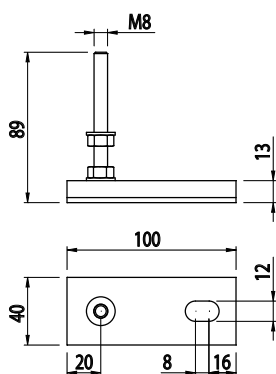
Zama verniciato nero

Black painted Zamak - Zamak peint noir
Zamak barnizado en negro - Zamak
schwarz lackiert





PIEDE FISSO
 FIXED FOOT
 PIE FIJO
 PIED FIXE
 FESTER FUSS



CODICE	Note	g
084.408.002	Per profili 40 e 45 mm - For 45 mm profiles - Para perfiles de 45 mm - Pour profilés 45 mm - Für Profile 45 mm	130

Alluminio, EPDM, acciaio inox

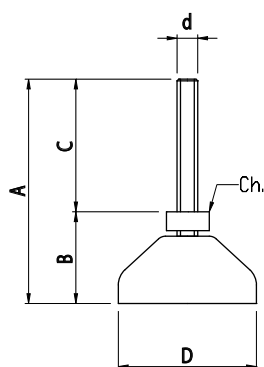
Aluminium, EPDM, stainless steel - Aluminium, EPDM, acier inox
 Aluminio, EPDM, acero inoxidable - Aluminium, EPDM, rostfreier Stahl





PIEDI SNODATI ANTIVIBRANTI

VIBRATION DAMPING ARTICULATED FEET
 PIES ARTICULADOS ANTIVIBRACIÓN
 PIEDS ARTICULÉS ANTIVIBRATIONS
 GELENKFÜSSE MIT SCHWINGUNGSSCHUTZ



CODICE	▲Kg	D	d	A	B	C	E	F	Ch	g
084.401.004	450	40	M6	65	18	47	-	-	-	26
084.401.001	900	40	M8	68	23	45	-	-	6	29
084.401.002	900	50	M8	88	23	65	-	-	6	39
084.401.003	900	50	M10	95	25	70	-	-	8	55

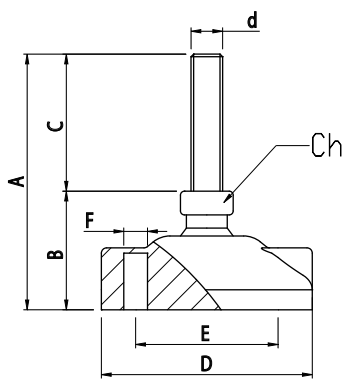
Poliammide nero e acciaio zincato

Black polyamide and galvanised steel -
 Polyamide noir et acier zingué
 Poliamida color negro y acero galvaniza-
 do - Schwarzes Polyamid und verzinkter
 Stahl



PIEDI SNODATI ANTIVIBRANTI

VIBRATION DAMPING ARTICULATED FEET
 PIES ARTICULADOS ANTIVIBRACIÓN
 PIEDS ARTICULÉS ANTIVIBRATIONS
 GELENKFÜSSE MIT SCHWINGUNGSSCHUTZ



CODICE	▲Kg	D	d	A	B	C	E	F	Ch	g
084.402.001	1000	80	M8	74	29	45	54	9	6	53
084.402.002	1000	80	M10	101	31	70	54	9	8	75
084.402.003	1000	80	M12	96	33	63	54	9	10	88
084.402.004	1000	80	M16	97	37	60	54	9	13	141
084.402.008	1000	100	M16	165	40	125	74	9	13	240
084.402.005	2200	100	M16	195	40	155	74	10,5	13	293
084.402.006	2200	100	M20	130	44	86	74	10,5	17	303

Poliammide nero e acciaio zincato

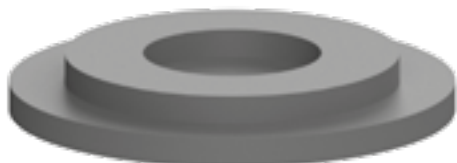
Black polyamide and galvanised steel -
 Polyamide noir et acier zingué
 Poliamida color negro y acero galvaniza-
 do - Schwarzes Polyamid und verzinkter
 Stahl





ANTIVIBRANTI

VIBRATION DAMPERS
ELEMENTOS ANTIVIBRACIÓN
ANTIVIBRATIONS
SCHWINGUNGSSCHUTZ



CODICE	Note	g
084.403.001	Ø 40	6
084.403.002	Ø 50	12
084.403.003	Ø 80	36
084.403.004	Ø 100	63

Gomma sintetica antiolio nera

Black oil-resistant synthetic rubber - Ca-
outchouc synthétique anti-huile noir
Goma sintética antiaceite color negro -
Ölbeständiger Synthesekautschuk schwarz





BASE A PAVIMENTO

FLOOR BASE
BASE DE APOYO EN EL SUELO
BASE AU SOL
BODENSOCKEL

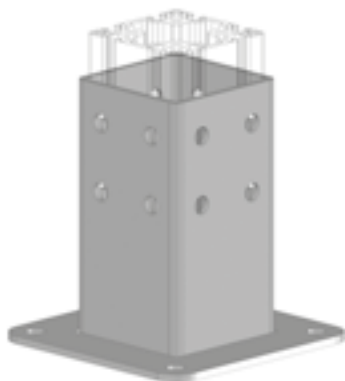
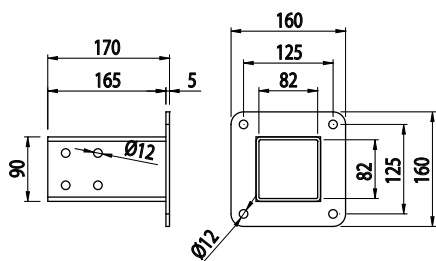
IM
85
40

CODICE	Note	g
084.410.006	80x80 mm	2360



Acciaio verniciato grigio

Grey painted steel - Acier peint gris
Acero barnizado en gris - Stahl grau lackiert

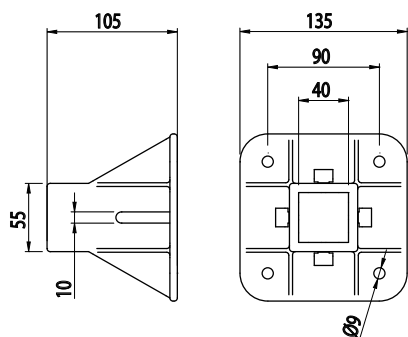




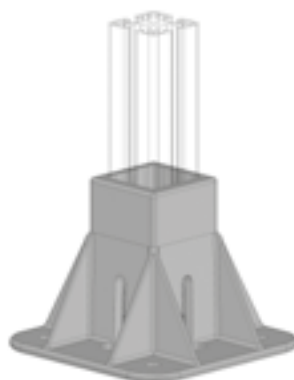
BASE A PAVIMENTO
 FLOOR BASE
 BASE DE APOYO EN EL SUELO
 BASE AU SOL
 BODENSOCKEL



CODICE	Note	g
084.409.004	40x40 mm	661



Alluminio sabbato
 Sandblasted aluminium - Aluminium sablé
 Aluminio arenado - Sandgestrahltes Aluminium

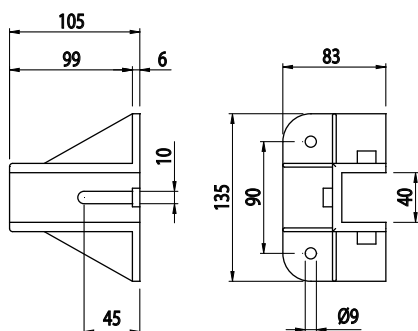
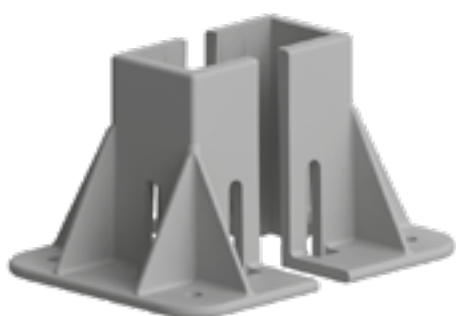


Tappo - Cap - Tapòn - Embout - Abdeckkappe			
CODICE	Materiale	g	Colore
084.207.003	PA	100	■

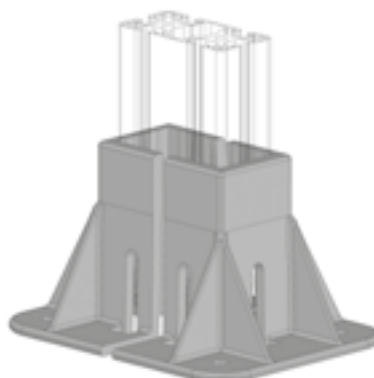
BASE A PAVIMENTO
 FLOOR BASE
 BASE DE APOYO EN EL SUELO
 BASE AU SOL
 BODENSOCKEL



CODICE	Note	g
084.409.005	40x80 mm, 40x120 mm	800



Alluminio sabbato
 Sandblasted aluminium - Aluminium sablé
 Aluminio arenado - Sandgestrahltes Aluminium





BASE A PAVIMENTO

FLOOR BASE
BASE DE APOYO EN EL SUELO
BASE AU SOL
BODENSOCKEL

NEW

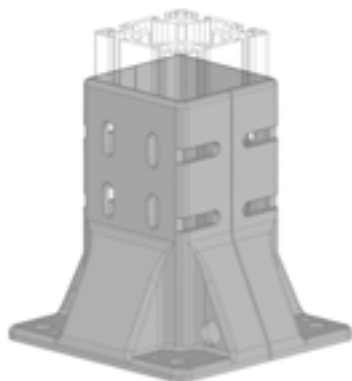
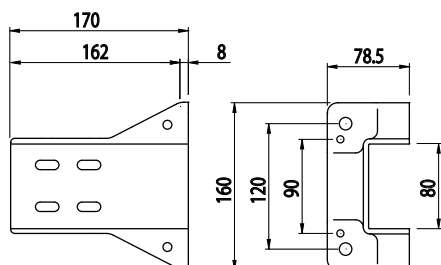
IM
85
40

CODICE	Note	g
084.409.014	80x80, 80x120, 80x160 mm	1400



Alluminio sabbato

Sandblasted aluminium - Aluminium sablé
Aluminio arenado - Sandgestrahltes Aluminium



BASE A PAVIMENTO

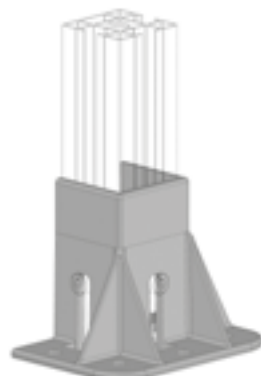
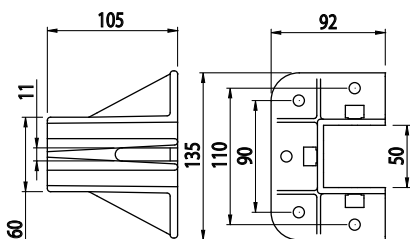
FLOOR BASE
BASE DE APOYO EN EL SUELO
BASE AU SOL
BODENSOCKEL

CODICE	Note	g
084.409.013	50x50 mm	344



Alluminio sabbato

Sandblasted aluminium - Aluminium sablé
Aluminio arenado - Sandgestrahltes Aluminium

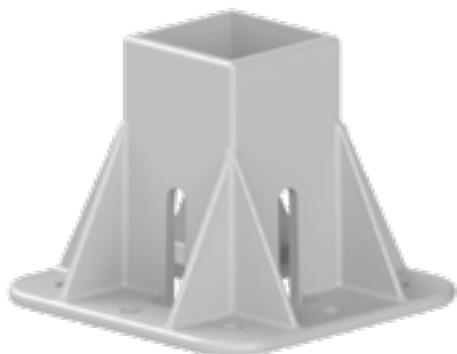




BASE A PAVIMENTO

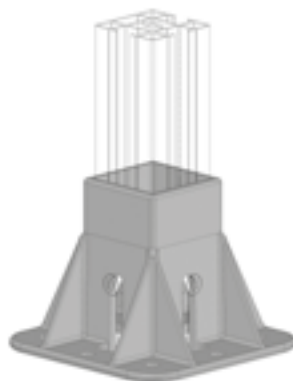
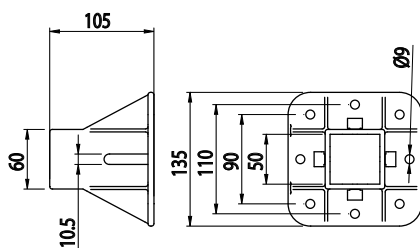
FLOOR BASE
 BASE DE APOYO EN EL SUELO
 BASE AU SOL
 BODENSOCKEL

CODICE	Note	g
084.409.009	50x50 mm	580



Alluminio sabbiato

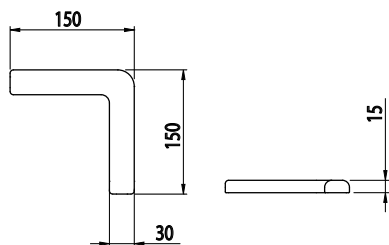
Sandblasted aluminium - Aluminium sablé
 Aluminio arenado - Sandgestrahltes Aluminium





FERMO PER CARRELLO

STOP FOR CARRIAGE
RETÉN PARA CARRO
BUTÉE POUR CHARIOT
FESTSTELLER FÜR WAGEN



CODICE	Note	g
511.011.001R		69
511.011.001B		69
511.011.001V		69
511.011.001G		69

Poliammide

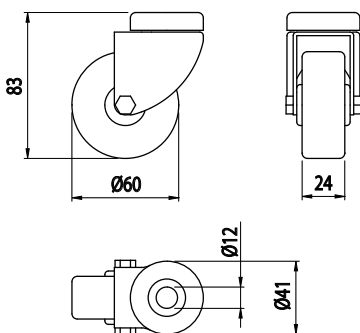
Polyamide - Polyamide
Poliamida - Polyamid





RUOTA GIREVOLE

CASTOR
RUEDA GIRATORIA
ROUE PIVOTANTE
SCHWENKBARES RAD



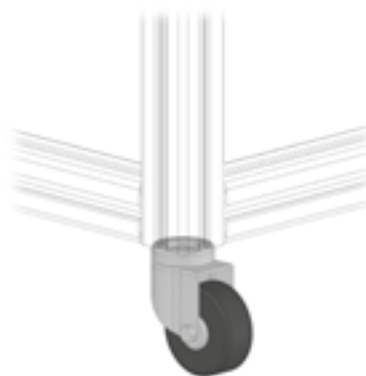
CODICE	Note	g
084.404.001	Fissaggio a vite centrale - Central screw fastening - Fijación con tornillo central - Fixation à vis centrale - Befestigung mittels mittlerer Schraube	228

Ruota in gomma

Rubber wheel - Roue en caoutchouc
Rueda de goma - Rad aus Gummi

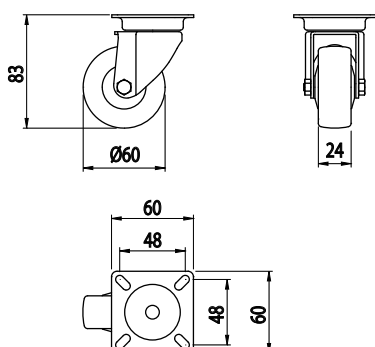
Supporto in acciaio cromato

Chromed steel bracket - Support en
acier chromé
Soporte de acero cromado - Halterung
aus verchromtem Stahl



RUOTA GIREVOLE

CASTOR
RUEDA GIRATORIA
ROUE PIVOTANTE
SCHWENKBARES RAD



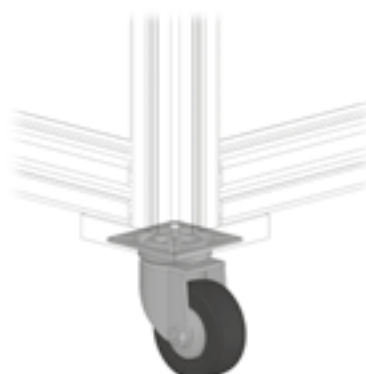
CODICE	Note	g
084.404.006	Fissaggio a flangia - Flange fastening - Fijación con brida - Fixation à bride - Befestigung mittels Flansch	330

Ruota in gomma

Rubber wheel - Roue en caoutchouc
Rueda de goma - Rad aus Gummi

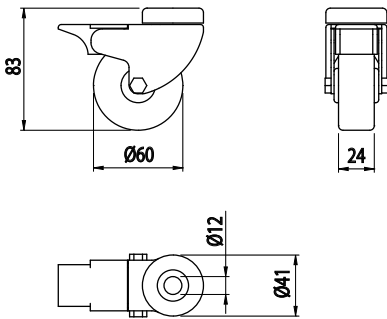
Supporto in acciaio cromato

Chromed steel bracket - Support en
acier chromé
Soporte de acero cromado - Halterung
aus verchromtem Stahl



RUOTA GIREVOLE CON FRENO

CASTOR WITH BRAKE
RUEDA GIRATORIA CON FRENO
ROUE PIVOTANTE AVEC FREIN
SCHWENKBARES RAD MIT BREMSE



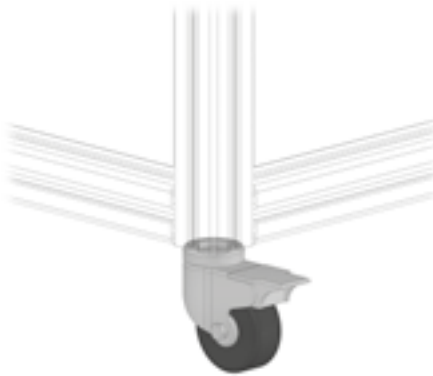
CODICE	Note	g
084.404.003	Fissaggio a vite centrale e freno - Central screw fastening and brake - Fijación con tornillo central y freno - Fixation à vis centrale et frein - Befestigung mittels mittlerer Schraube und Bremse	330

Ruota in gomma

Rubber wheel - Roue en caoutchouc
Rueda de goma - Rad aus Gummi

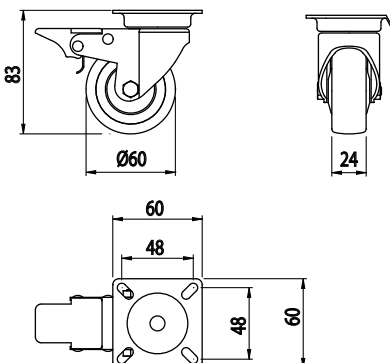
Supporto in acciaio cromato

Chromed steel bracket - Support en acier chromé
Soporte de acero cromado - Halterung aus Verchromtem Stahl



RUOTA GIREVOLE CON FRENO

CASTOR WITH BRAKE
RUEDA GIRATORIA CON FRENO
ROUE PIVOTANTE AVEC FREIN
SCHWENKBARES RAD MIT BREMSE



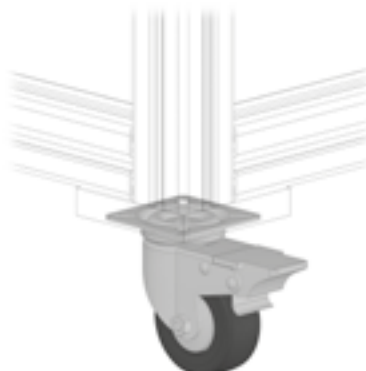
CODICE	Note	g
084.404.008	Fissaggio a flangia e freno - Flange fastening and brake - Fijación con brida y freno - Fixation à bride et frein - Befestigung mittels Flansch und Bremse	400

Ruota in gomma

Rubber wheel - Roue en caoutchouc
Rueda de goma - Rad aus Gummi

Supporto in acciaio cromato

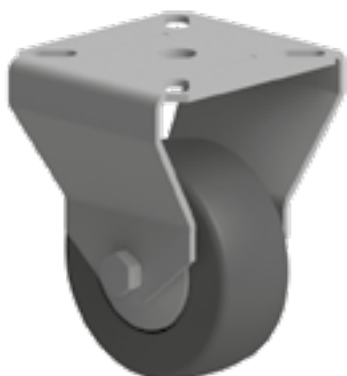
Chromed steel bracket - Support en acier chromé
Soporte de acero cromado - Halterung aus verchromtem Stahl





RUOTA FISSA
 FIXED WHEEL
 RUEDA FIJA
 ROUE FIXE
 FESTSTEHENDES RAD

CODICE	Note	g
084.404.007	Fissaggio a flangia - Flange fastening - Fijación con brida - Fixation à bride - Befestigung mittels Flansch	260

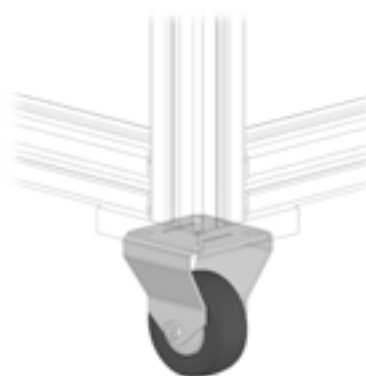
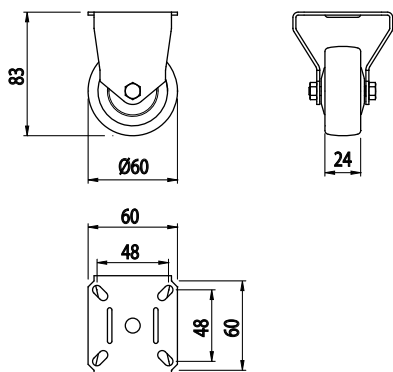


Ruota in gomma

Rubber wheel - Roue en caoutchouc
 Rueda de goma - Rad aus Gummi

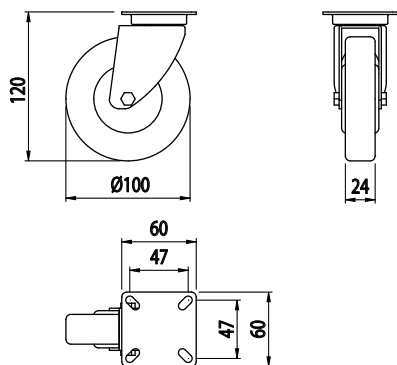
Supporto in acciaio cromato

Chromed steel bracket - Support en acier chromé
 Soporte de acero cromado - Halterung aus verchromtem Stahl



RUOTA GIREVOLE

CASTOR
RUEDA GIRATORIA
ROUE PIVOTANTE
SCHWENKBARES RAD



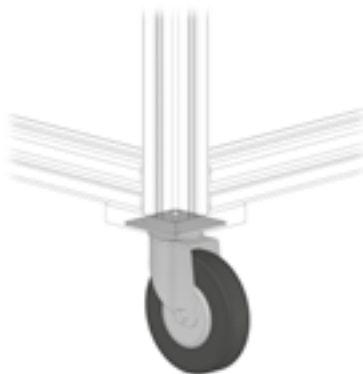
CODICE	Note	g
084.404.002	Fissaggio a flangia - Flange fastening - Fijación con brida - Fixation à bride - Befestigung mittels Flansch	427

Ruota in gomma

Rubber wheel - Roue en caoutchouc
Rueda de goma - Rad aus Gummi

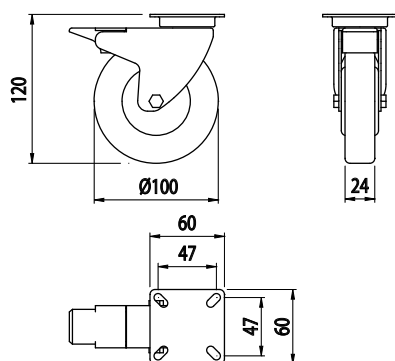
Supporto in acciaio cromato

Chromed steel bracket - Support en acier chromé
Soporte de acero cromado - Halterung aus verchromtem Stahl



RUOTA GIREVOLE CON FRENO

CASTOR WITH BRAKE
RUEDA GIRATORIA CON FRENO
ROUE PIVOTANTE AVEC FREIN
SCHWENKBARES RAD MIT BREMSE



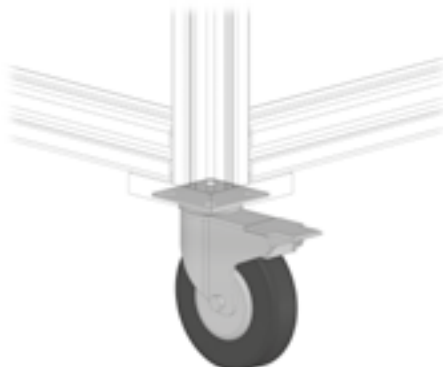
CODICE	Note	g
084.404.004	Fissaggio a flangia e freno - Flange fastening and brake - Fijación con brida y freno - Fixation à bride et frein - Befestigung mittels Flansch und Bremse	487

Ruota in gomma

Rubber wheel - Roue en caoutchouc
Rueda de goma - Rad aus Gummi

Supporto in acciaio cromato

Chromed steel bracket - Support en acier chromé
Soporte de acero cromado - Halterung aus verchromtem Stahl





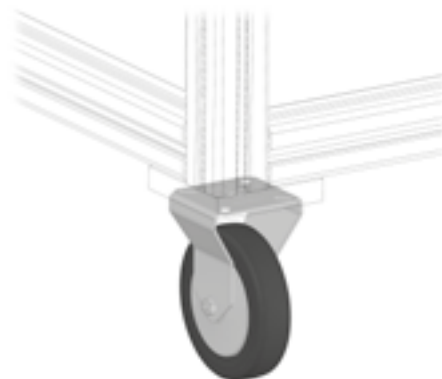
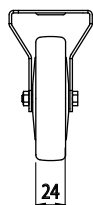
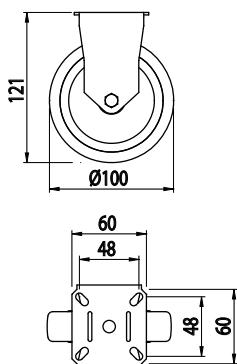
RUOTA FISSA
FIXED WHEEL
RUOTA FISSA
ROUE FIXE
FESTSTEHENDES RAD

CODICE	Note	g
084.404.009	Fissaggio a flangia - Flange fastening - Fijación con brida - Fixation à bride - Befestigung mittels Flansch	400



Ruota in gomma
Rubber wheel - Roue en caoutchouc
Rueda de goma - Rad aus Gummi

Supporto in acciaio cromato
Chromed steel bracket - Support en acier chromé
Soporte de acero cromado - Halterung aus verchromtem Stahl



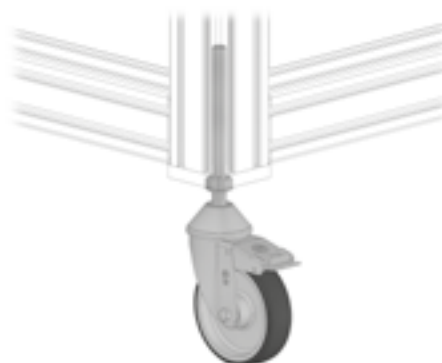
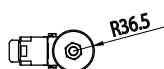
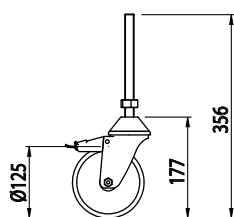
RUOTA GIREVOLE CON FRENO
CASTOR WITH BRAKE
RUEDA GIRATORIA CON FRENO
ROUE PIVOTANTE AVEC FREIN
SCHWENKBARES RAD MIT BREMSE

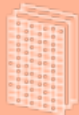
CODICE	Note	g
084.404.005	Fissaggio con perno M16 e freno - Fastening with M16 pin and brake - Fijación con perno M16 y freno - Fixation avec pivot M16 et frein - Befestigung mit Bolzen M16 und Bremse	1500



Ruota in gomma
Rubber wheel - Roue en caoutchouc
Rueda de goma - Rad aus Gummi

Supporto in acciaio inox
Stainless steel bracket - Support en acier inox
Soporte de acero inoxidable - Halterung aus rostfreiem Stahl





FISSAGGIO PANNELLI CON SICUREZZA
 PANEL FASTENING WITH SAFETY
 FIJACIÓN PANELES CON SEGURIDAD
 FIXATION PANNEAUX AVEC SÉCURITÉ
 PLATTENBEFESTIGUNG MIT SICHERHEITSEINRICHTUNG

NEW

PATENT

IM
85
40

CODICE

Note

g

084.407.007

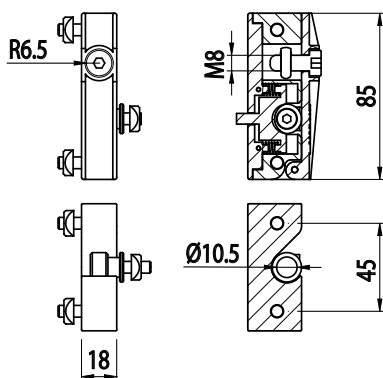
Kit con chiusura rapida ed espulsori di sicurezza - Kit with quick release fastener and safety ejectors - Kit con cierre rápido y expulsores de seguridad - Kit à fermeture rapide et expulseurs de sécurité - Kit mit Schnellverschluss und Sicherheitsauswerfern

331



Poliammide grigio

Grey polyamide - Polyamide gris
 Poliamida color gris - Polyamid grau



APERTURA: RUOTARE IN SENSO ANTIORARIO
 OPENING: ROTATE COUNTERCLOCKWISE
 APERTURA: GIRAR EN EL SENTIDO ANTIHORARIO
 OUVERTURE: TOURNER DANS LE SENS ANTI-HORAIRE
 ÖFFNUNG: DREHUNG ENTGEGEN DEM UHRZEIGERSINN

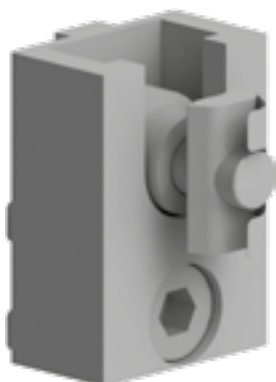


CHIUSURA: RUOTARE IN SENSO ORARIO
 CLOSING: ROTATE CLOCKWISE
 CIERRE: GIRAR EN EL SENTIDO HORARIO
 FERMETURE: TOURNER DANS LE SENS HORARE
 VERSCHLUSS: DREHUNG IM UHRZEIGERSINN



FISSAGGIO PANNELLI RAPIDO

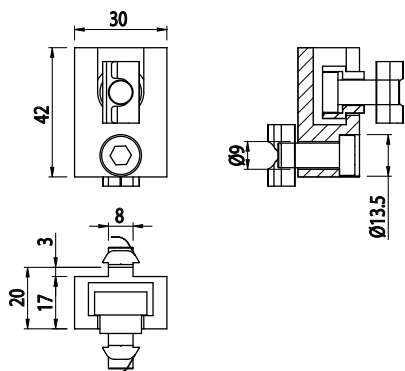
QUICK PANEL FASTENER
 FIJACIÓN DE PANELES RÁPIDO
 FIXATION PANNEAUX RAPIDE
 SCHNELLBEFESTIGUNG PLATTEN

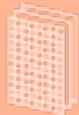


CODICE	Note	g
084.407.009	Completo di boccola e viteria - Complete with bushing and fastening hardware - Incluye casquillo y tornillería - Avec bague et visserie - Einschließlich Buchse und Schrauben	47

Poliammide grigio

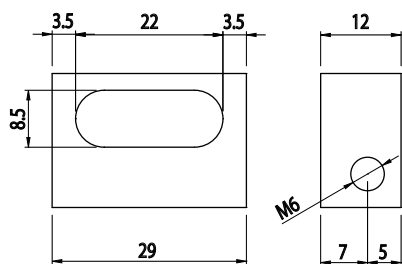
Grey polyamide - Polyamide gris
 Poliamida color gris - Polyamid grau





BLOCCHETTO DI FISSAGGIO REGOLABILE

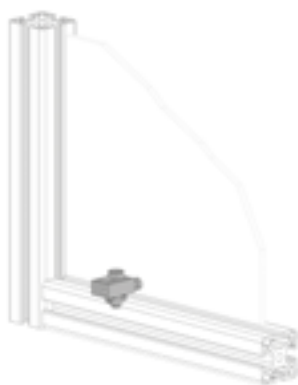
ADJUSTABLE FASTENER BLOCK
BLOQUE DE FIJACIÓN REGULABLE
BLOC DE FIXATION RÉGLABLE
EINSTELLBARER BEFESTIGUNGSBLOCK



CODICE	Note	g
084.507.001	Spessore pannelli 1-8 mm - Panel thickness 1-8 mm - Grosor de los paneles 1-8 mm - Épaisseur panneaux 1-8 mm - Plattendicke 1-8 mm	10

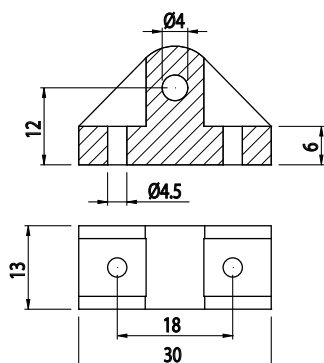
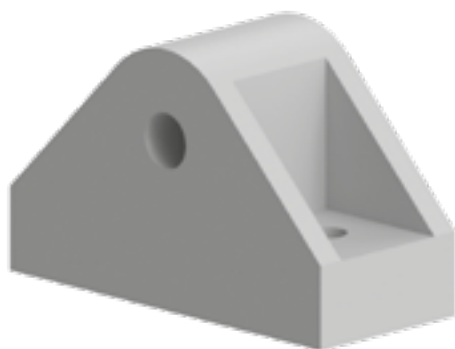
Alluminio sabbato

Sandblasted aluminium - Aluminium sablé
Aluminio arenado - Sandgestrahltes Aluminium



BLOCCHETTO FERMAVETRO

GLASS RETENTION BLOCK
BLOQUE SUJETA-CRISTAL
BLOC DE FIXATION VERRE
SCHEIBENSTOPPERBLOCK

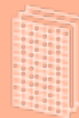


CODICE	Note	g
084.509.001	Spessore pannelli 1-8 mm - Panel thickness 1-8 mm - Grosor de los paneles 1-8 mm - Épaisseur panneaux 1-8 mm - Plattendicke 1-8 mm	4

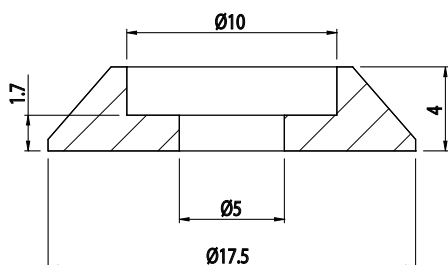
Poliammide grigio

Grey polyamide - Polyamide gris
Poliamida color gris - Polyamid grau





RONDELLA FERMAVETRO
 GLASS RETENTION WASHER
 ARANDELA SUJETA-CRISTAL
 RONDELLE DE FIXATION VERRE
 SCHEIBENSTOPPERRING



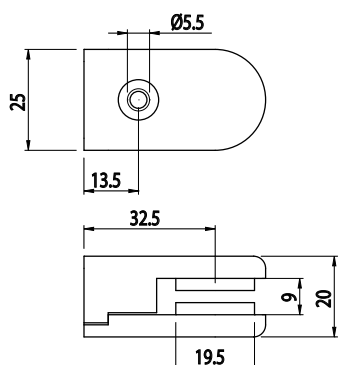
CODICE	Note	g
084.509.002	Per 084.509.001 - For 084.509.001 - Para 084.509.001 - Pour 084.509.001 - Für 084.509.001	1

Poliammide grigio

Grey polyamide - Polyamide gris
 Poliamida color gris - Polyamid grau



MORSETTO PANNELLO IN VETRO
 GLASS PANEL CLAMP
 MORDAZA PANEL DE VIDRIO
 PINCE DE FIXATION PANNEAU EN VERRE
 KLEMME FÜR GLASSCHEIBE

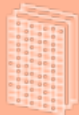


CODICE	Note	g
084.509.003	Spessore pannelli 2-10 mm - Panel thickness 2-10 mm - Grosor de los paneles 2-10 mm - Épaisseur panneaux 2-10 mm - Plattendicke 2-10 mm	74

Zama

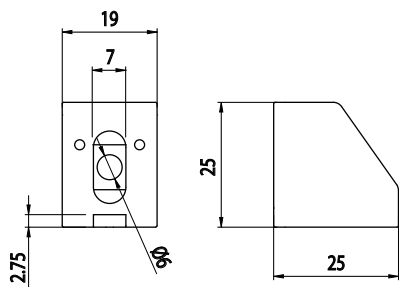
Zamak - Zamak
 Zamak - Zamak





BLOCCHETTO DI FISSAGGIO

FASTENER BLOCK
BLOQUE DE FIJACIÓN
BLOC DE FIXATION
BEFESTIGUNGSBLOCK



CODICE	Note	g
084.510.001	Spessore pannelli 1-8 mm - Panel thickness 1-8 mm - Grosor de los paneles 1-8 mm - Épaisseur panneaux 1-8 mm - Plattendicke 1-8 mm	10

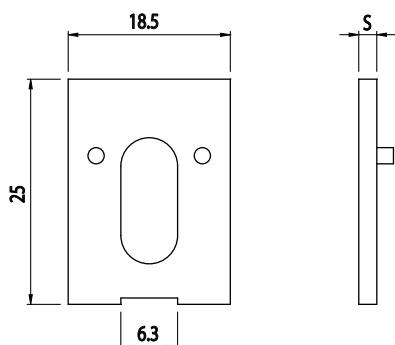
Poliammide nero

Black polyamide - Polyamide noir
Poliamida color negro - Polyamid schwarz



DISTANZIALE PER 084.510.001

SPACER FOR 084.510.001
DISTANCIADOR PARA 084.510.001
ENTRETOISE POUR 084.510.001
Distanzstück für 084.510.001

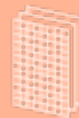


CODICE	Note	g
084.510.002	2 mm	1
084.510.003	3 mm	1
084.510.004	5 mm	2

Poliammide nero

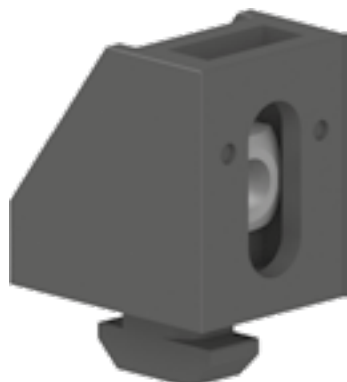
Black polyamide - Polyamide noir
Poliamida color negro - Polyamid schwarz





BLOCCETTO DI FISSAGGIO

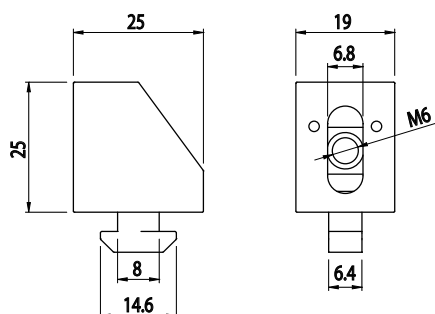
FASTENER BLOCK
BLOQUE DE FIJACIÓN
BLOC DE FIXATION
BEFESTIGUNGSBLOCK



CODICE	Note	g
084.510.016	Completo di dado M6 - Complete with M6 nut - Incluye tuerca M6 - Avec écrou M6 - Einschließlich Mutter M6	10

Poliammide grigio

Grey polyamide - Polyamide gris
Poliamida color gris - Polyamid grau



BLOCCETTO DI FISSAGGIO

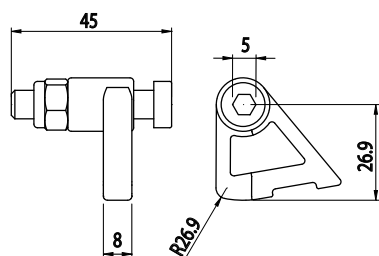
FASTENER BLOCK
BLOQUE DE FIJACIÓN
BLOC DE FIXATION
BEFESTIGUNGSBLOCK

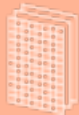


CODICE	Note	g
084.519.003	Per pannelli estraibili destra - For RH removable panels - Para paneles extraíbles derecha - Pour panneaux extractibles droite - Für herausziehbare Platten rechts	33

Poliammide grigio

Grey polyamide - Polyamide gris
Poliamida color gris - Polyamid grau





IM
85
40

BLOCCHETTO DI FISSAGGIO

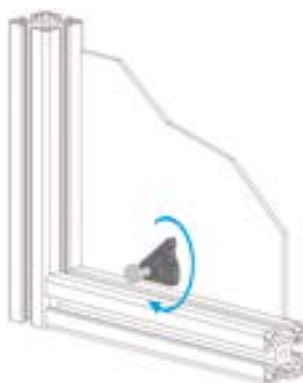
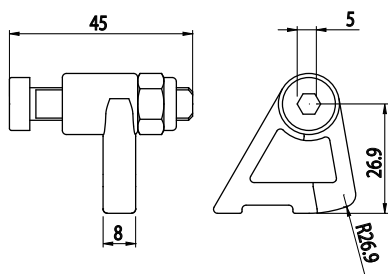
FASTENER BLOCK
BLOQUE DE FIJACIÓN
BLOC DE FIXATION
BEFESTIGUNGSBLOCK

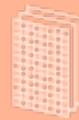
CODICE	Note	g
084.519.004	Per pannelli estraibili sinistra - For LH removable panels - Para paneles extraíbles izquierda - Pour panneaux extractibles gauche - Für herausziehbare Platten links	33



Poliammide grigio

Grey polyamide - Polyamide gris
Poliamida color gris - Polyamid grau

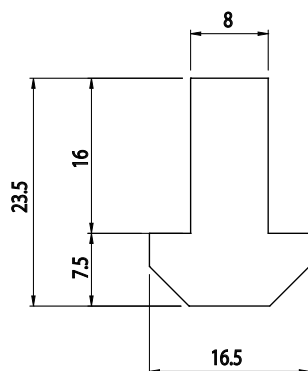




MULTIUSO
 MULTI-USE
 MULTIUSO
 MULTIFONCTION
 MEHRZWECKELEMENT

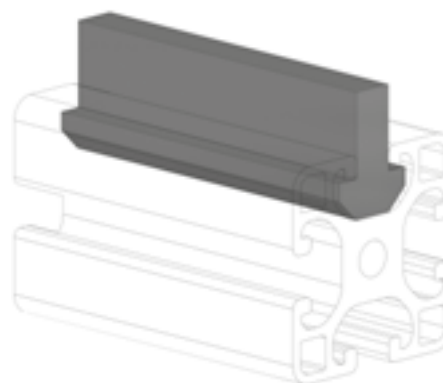


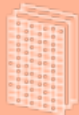
CODICE	Note	g/m
084.514.013	L = 2 m	258



Polietilene nero

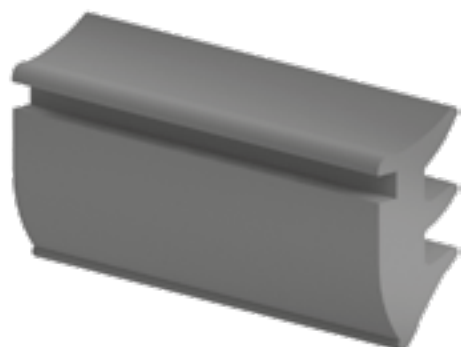
Black polythene - Polyéthylène noir
 Polietileno color negro - Polyethylen
 schwarz




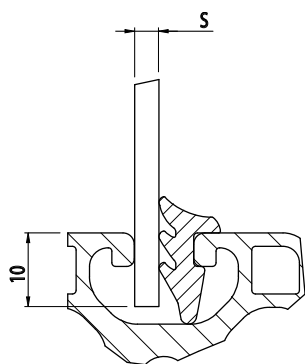


GUARNIZIONE PER PANNELLI

PANEL GASKET
JUNTA PARA PANELES
JOINT POUR PANNEAUX
DICHTUNG FÜR PLATTEN



CODICE	S	Colore		g/m
084.512.006	1	■	90 m	106
5004A/3170	2	■	120 m	100
084.512.030	3	■	90 m	50
084.512.040	4	■	100 m	50
084.512.056	5	■	125 m	34
084.512.008	6	■	250 m	34
084.512.030G	3	■	90 m	50
084.512.040G	4	■	100 m	50
084.512.056G	5	■	125 m	34



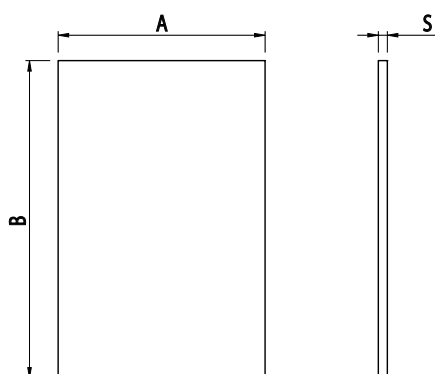
Gomma termoplastica

Thermoplastic rubber - Caoutchouc thermoplastique
Goma termoplástica - Thermoplastischer Gummi



PANNELLO IN PET

PET PANEL
PANEL DE PET
PANNEAU EN PET
PLATTE AUS PET



CODICE	Colore	S	AxB	Kg/m ²
084.538.001	Trasparente	1 mm	2050 x 3050	1,35
084.538.002	Opale	1 mm	2050 x 3050	1,35

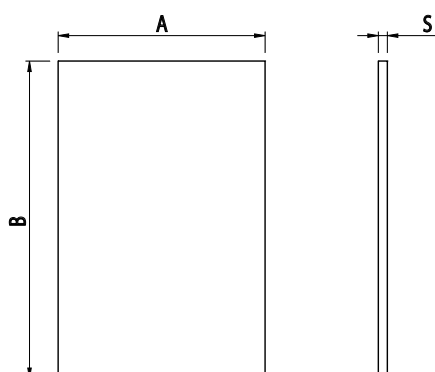
Resistente agli urti e classificato al fuoco in classe B-s1, d0

Shockproof and Fire classification B-s1, d0 - Résistant aux chocs et résistance au feu classée B-s1, d0

Resistente a los golpes y con reacción al fuego de clase B-s1, d0 - Stoßfest und in Baustoffklasse B-s1, d0 eingestuft (Brandverhalten)

PANNELLO IN POLICARBONATO

POLYCARBONATE PANEL
PANEL DE POLICARBONATO
PANNEAU EN POLYCARBONATE
PLATTE AUS POLYCARBONAT

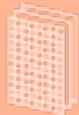


CODICE	Colore	S	AxB	Kg/m ²
030LEX	Trasparente	3 mm	2050 x 3050	3,6
031LEX	Trasparente	4 mm	2050 x 3050	4,8
032LEX	Trasparente	5 mm	2050 x 3050	6
034LEX	Trasparente	8 mm	2050 x 3050	9,6
035LEX	Trasparente	10 mm	2050 x 3050	12

Resistente agli urti ed agli agenti atmosferici (-40°C/+120°C)

Shockproof and weather resistant (-40°C/+120°C) - Antichoc et résistant aux intempéries (-40°C/+120°C)

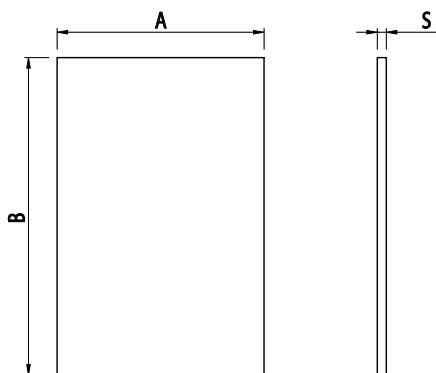
Antichoque y resistente a la intemperie (-40°C/+120°C) - Anti-Stoß und witterungsbeständig (-40°C/+120°C)



PANNELLO IN POLICARBONATO

POLYCARBONATE PANEL
PANEL DE POLICARBONATO
PANNEAU EN POLYCARBONATE
PLATTE AUS POLYCARBONAT

CODICE	Colore	S	AxB	Kg/m ²
062LEX	Fumé	5 mm	2050 x 3050	6



Resistente agli urti ed agli agenti atmosferici (-40°C/+120°C)

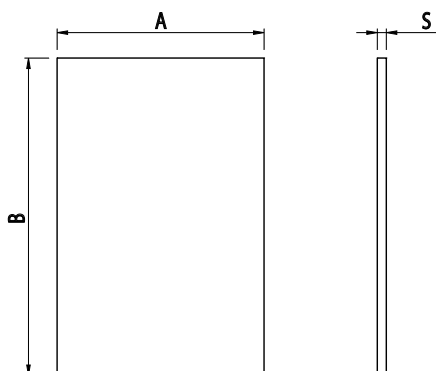
Shockproof and weather resistant (-40°C/+120°C) - Antichoc et résistant aux intempéries (-40°C/+120°C)

Antichoque y resistente a la intemperie (-40°C/+120°C) - Anti-Stoß und witterungsbeständig (-40°C/+120°C)

PANNELLO COMPOSITO IN ALLUMINIO

ALUMINIUM COMPOSITE PANEL
PANEL COMPUESTO DE ALUMINIO
PANNEAU COMPOSITE EN ALUMINIUM
SANDWICHPANEEL AUS ALUMINIUM

CODICE	Colore	S	AxB	Kg/m ²
DILITE3	Argento	3 mm	1500 x 4050	3,50



Alluminio e polietilene

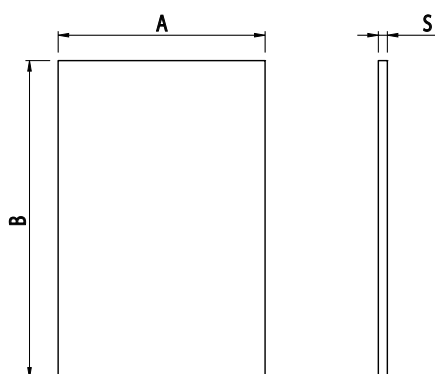
Aluminium and polythene - Aluminium et polyéthylène

Aluminio y polietileno - Aluminium und Polyethylen



PANNELLO IN PVC ESPANSO

PVC FOAMBOARD PANEL
 PANEL DE PVC EXPANDIDO
 PANNEAU EN PVC EXPANSÉ
 PLATTE AUS PVC-SCHAUM



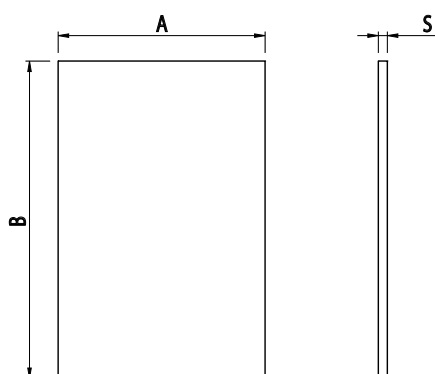
CODICE	Colore	S	AxB	Kg/m ²
008VEKA103	Bianco	3 mm	2050 x 3050	2,10
008VEKA111	Azzurro	3 mm	2050 x 3050	2,10
008VEKA115	Nero	3 mm	2050 x 3050	2,10

Resistente agli urti, all'acqua, agli acidi ed autoestinguente

Shockproof, water- and acid-resistant, self-extinguishing - Antichoc, résistant à l'eau et aux acides, auto-éteignible
 Antichoque, resistente al agua, ácidos y autoextinguible - Anti-Stoß, wasserfest, säurebeständig und selbstverlöschend

PANNELLO LAMINATO STRATIFICATO

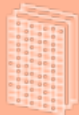
LAMINATE PANEL
 PANEL LAMINADO ESTRATIFICADO
 PANNEAU LAMINÉ STRATIFIÉ
 LAMINIERTE SCHICHTPLATTE



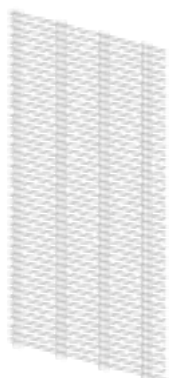
CODICE	Colore	S	AxB	Kg/m ²
STR3MM	Bianco	3 mm	1300 x 3050	4,50
STR4MM	Bianco	4 mm	1300 x 3050	6
STR5MM	Bianco	5 mm	1300 x 3050	7,50

Resistente agli urti ed all'acqua

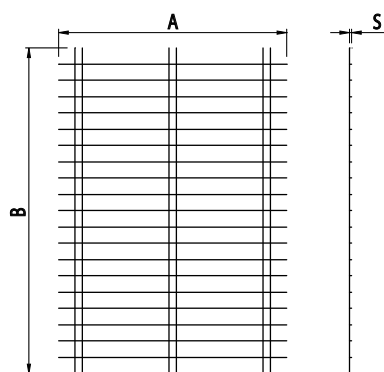
Shockproof and water resistant - Antichoc et résistant à l'eau
 Antichoque y resistente al agua - Anti-Stoß und wasserfest



RETE ELETTRISALDATA
ELECTROWELDED MESH
MALLA ELECTROSOLDADA
GRILLE ÉLECTROSOUDÉE
BAUSTAHLGEWEBE



CODICE	Colore	S	AxB	Kg/m ²
RETE 11x66	Grezzo	3 mm	1240 x 2400	4
RETE TEC 1003	Giallo RAL 1003	3 mm	1240 x 2400	4
RETE 11x66 INOX	Acciaio inox AISI 304	3 mm	1240 x 2400	4



Acciaio 15x105x15 (inox o verniciato a polvere)

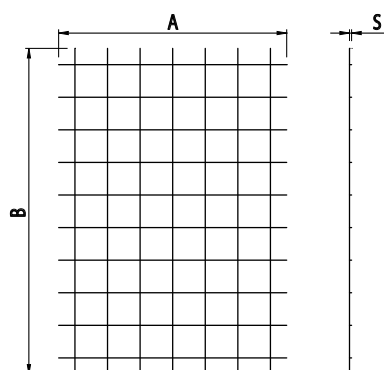
Steel, 15x105x15 (stainless steel or powder coated) - Acier 15x105x15 (inox ou peint à la poudre)

Acero 15x105x15 (inoxidable o barnizado con pintura en polvo) - Stahl 15x105x15 (rostfrei oder pulverlackiert)

RETE ELETTRISALDATA
ELECTROWELDED MESH
MALLA ELECTROSOLDADA
GRILLE ÉLECTROSOUDÉE
BAUSTAHLGEWEBE



CODICE	Colore	S	AxB	Kg/m ²
RETE 40X40X4	Grezzo	4 mm	1600 x 2000	4,50
670.001.000	Nero	4 mm	2000 x 1000	4,50



Acciaio 40x40

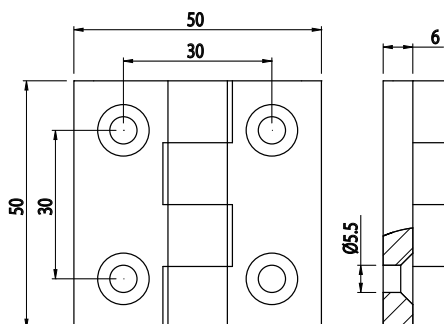
40x40 steel - Acier 40x40

Acero 40x40 - Stahl 40x40



CERNIERA IN ALLUMINIO

ALUMINIUM HINGE
BISAGRA DE ALUMINIO
CHARNIÈRE EN ALUMINIUM
ALUMINIUMSCHARNIER



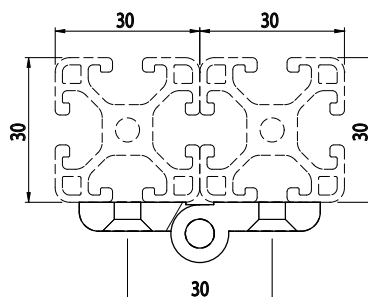
CODICE	Fissaggio	g
084.503.001	Viti M5x12 UNI 5933 non incluse - M5x12 UNI 5933 screws not included - Tornillos M5x12 UNI 5933, no incluidos - Vis M5x12 UNI 5933 non fournies - M5x12 UNI5933 Schrauben nicht inklusive	49

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

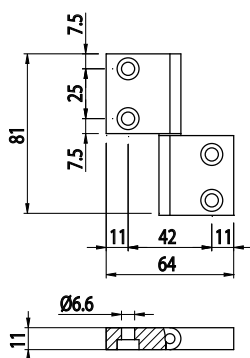
Perno acciaio inox AISI 303 Ø6

AISI 303 stainless-steel pin, Ø6 mm - Pivot acier inox AISI 303 Ø 6
Perno de acero inoxidable AISI 303 Ø6 - Bolzen aus rostfreiem Stahl AISI 303 Ø6



CERNIERA IN ALLUMINIO

ALUMINIUM HINGE
BISAGRA DE ALUMINIO
CHARNIÈRE EN ALUMINIUM
ALUMINIUMSCHARNIER



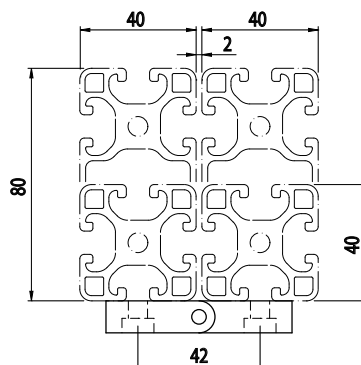
CODICE	Fissaggio	g
084.502.006	Viti M6x16 DIN 7984 non incluse - M6x16 DIN 7984 screws not included - Tornillos M6x16 DIN 7984, no incluidos - Vis M6x16 DIN 7984 non fournies - Schrauben M6x16 DIN 7984 nicht inklusive	86

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Perno acciaio inox AISI 303 Ø5

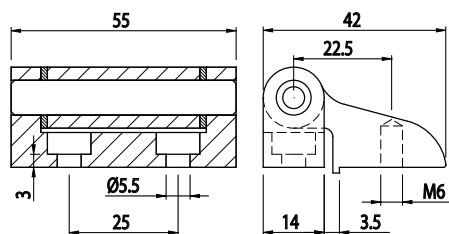
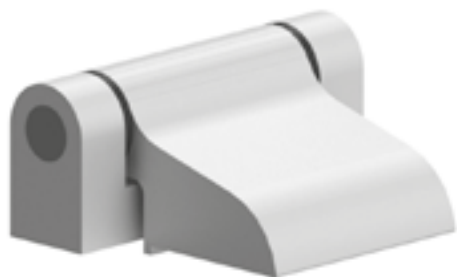
AISI 303 stainless-steel pin, Ø5 mm - Pivot acier inox AISI 303 Ø 5
Perno de acero inoxidable AISI 303 Ø5 - Bolzen aus rostfreiem Stahl AISI 303 Ø5





CERNIERA IN ALLUMINIO

ALUMINIUM HINGE
BISAGRA DE ALUMINIO
CHARNIÈRE EN ALUMINIUM
ALUMINIUMSCHARNIER



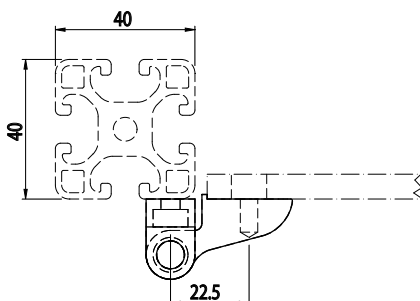
CODICE	Fissaggio	g
084.503.002	Viti M5x16 DIN 7984 non incluse - M5x16 DIN 7984 screws not included - Tornillos M5x16 DIN 7984 no incluidos - Vis M5x16 DIN 7984 non fournies - Schrauben M5x16 DIN 7984 nicht inklusive	75

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

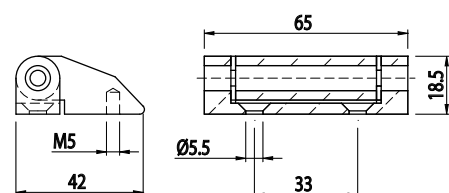
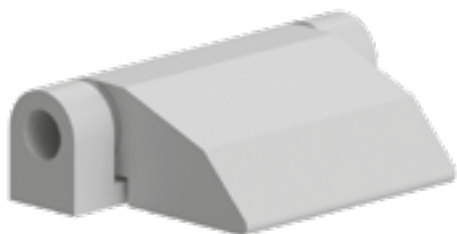
Perno acciaio inox AISI 303 Ø8

AISI 303 stainless-steel pin, Ø8 mm - Pivot
acier inox AISI 303 Ø 8
Perno de acero inoxidable AISI 303 Ø8 -
Bolzen aus rostfreiem Stahl AISI 303 Ø8



CERNIERA IN ALLUMINIO

ALUMINIUM HINGE
BISAGRA DE ALUMINIO
CHARNIÈRE EN ALUMINIUM
ALUMINIUMSCHARNIER



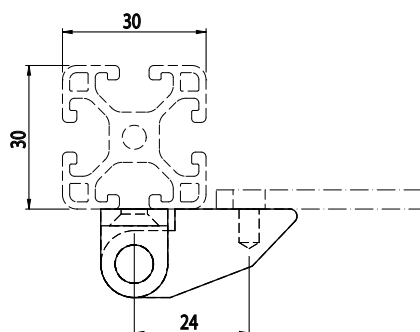
CODICE	Fissaggio	g
084.503.003	Viti M5 UNI 5933 non incluse - M5 UNI 5933 screws not included - Tornillos M5 UNI 5933 no incluidos - Vis M5 UNI 5933 non fournies - Schrauben M5 UNI 5933 nicht inklusive	85

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Perno acciaio inox AISI 303 Ø8

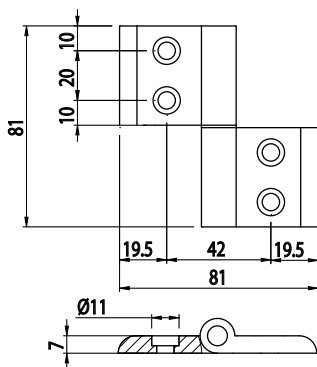
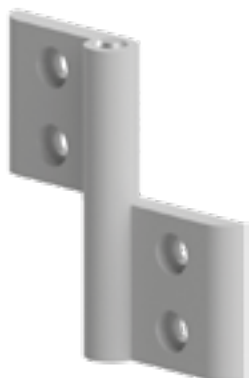
AISI 303 stainless-steel pin, Ø8 mm - Pivot
acier inox AISI 303 Ø 8
Perno de acero inoxidable AISI 303 Ø8 -
Bolzen aus rostfreiem Stahl AISI 303 Ø8





CERNIERA IN ALLUMINIO

ALUMINIUM HINGE
BISAGRA DE ALUMINIO
CHARNIÈRE EN ALUMINIUM
ALUMINIUMSCHARNIER



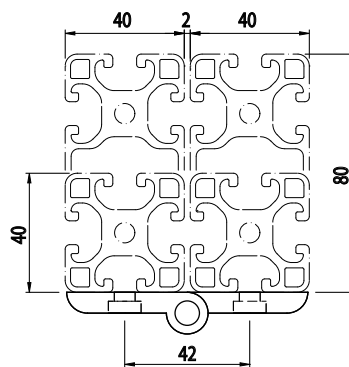
CODICE	Fissaggio	g
084.500.016	Viti M6x16 DIN 7984 non incluse - M6x16 DIN 7984 screws not included - Tornillos M6x16 DIN 7984 no incluidos - Vis M6x16 DIN 7984 non fournies - Schrauben M6x16 DIN 7984 nicht inklusive	100

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

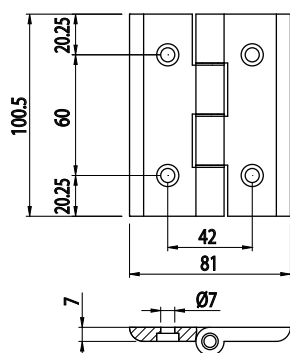
Perno acciaio inox AISI 303 Ø8

AISI 303 stainless-steel pin, Ø8 mm - Pivot acier inox AISI 303 Ø 8
Perno de acero inoxidable AISI 303 Ø8 - Bolzen aus rostfreiem Stahl AISI 303 Ø8



CERNIERA IN ALLUMINIO

ALUMINIUM HINGE
BISAGRA DE ALUMINIO
CHARNIÈRE EN ALUMINIUM
ALUMINIUMSCHARNIER



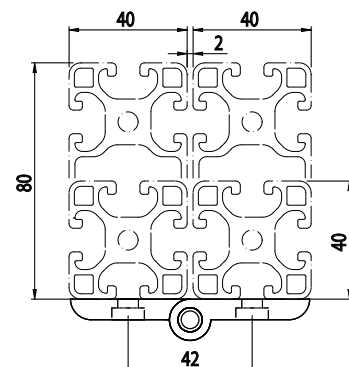
CODICE	Fissaggio	g
084.500.018	Viti M6x16 DIN 7984 non incluse - M6x16 DIN 7984 screws not included - Tornillos M6x16 DIN 7984 no incluidos - Vis M6x16 DIN 7984 non fournies - Schrauben M6x16 DIN 7984 nicht inklusive	183

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Perno acciaio inox AISI 303 Ø8

AISI 303 stainless-steel pin, Ø8 mm - Pivot acier inox AISI 303 Ø 8
Perno de acero inoxidable AISI 303 Ø8 - Bolzen aus rostfreiem Stahl AISI 303 Ø8





CERNIERA IN ALLUMINIO

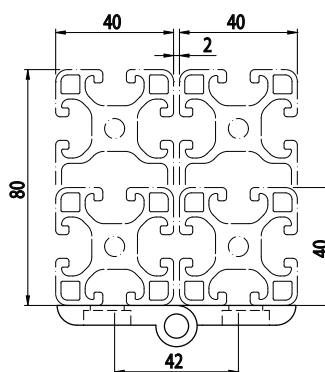
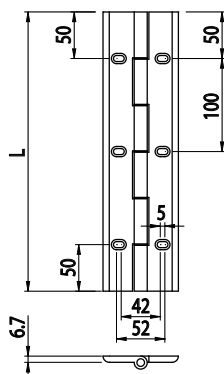
ALUMINIUM HINGE
BISAGRA DE ALUMINIO
CHARNIÈRE EN ALUMINIUM
ALUMINIUMSCHARNIER



CODICE	Fissaggio	g
084.500.020	Viti TCEI M6x16 non incluse - M6x16 DIN 7984 screws not included - Tornillos M6x16 DIN 7984, no incluidos - Vis M6x16 DIN 7984 non fournies - Schrauben M6x16 DIN 7984 nicht inklusive	1,80

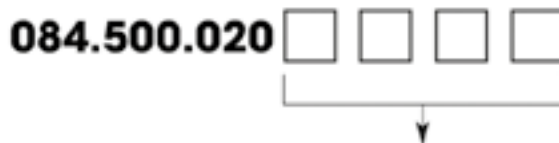
Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium



CODICE PER ORDINE

CODE FOR ORDER / CÓDIGO POR PEDIDO
CODE POUR COMMANDE / CODE ZUR BESTELLUNG



L lunghezza esterna della cerniera (misure multiple di 100 mm, min. 200/ max 3000 mm)

L external hinge length (multiple sizes of 100 mm, min. 200/ max 3000 mm)

L longitud externa de la bisagra (medidas múltiples de 100 mm, min. 200/ max 3000 mm)

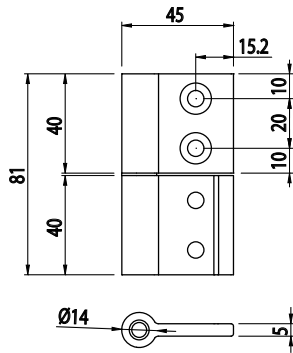
L longueur extérieure de la charnière (mesures multiples de 100 mm, min. 200/ max 3000 mm)

L äußere Länge der Scharniere (vielfach von 100 mm, min. 200/ max 3000 mm)



CERNIERA IN ALLUMINIO

ALUMINIUM HINGE
BISAGRA DE ALUMINIO
CHARNIÈRE EN ALUMINIUM
ALUMINIUMSCHARNIER



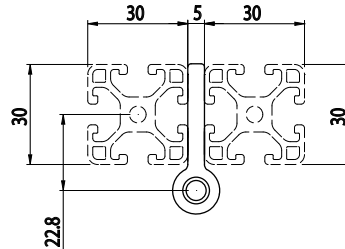
CODICE	Fissaggio	g
084.500.012	Viti M6x12 UNI 5933 non incluse - M6x12 UNI 5933 screws not included - Tornillos M6x12 UNI 5933 no incluidos - Vis M6x12 UNI 5933 non fournies - Schrauben M6x12 UNI 5933 nicht inklusive	85

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

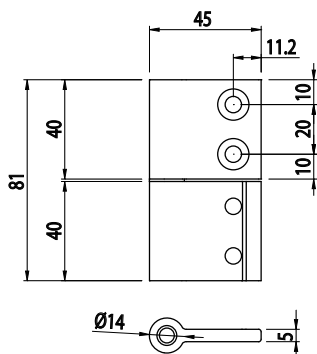
Perno acciaio inox AISI 303 Ø8

AISI 303 stainless-steel pin, Ø8 mm - Pivot acier inox AISI 303 Ø 8
Pivot acier inox AISI 303 Ø 8 - Bolzen aus rostfreiem Stahl AISI 303 Ø8



CERNIERA IN ALLUMINIO

ALUMINIUM HINGE
BISAGRA DE ALUMINIO
CHARNIÈRE EN ALUMINIUM
ALUMINIUMSCHARNIER



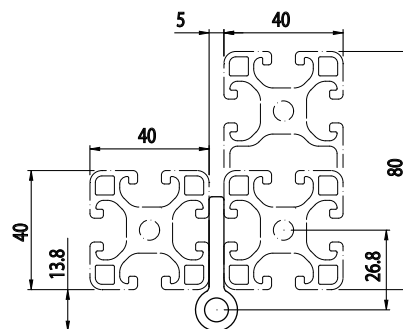
CODICE	Fissaggio	g
084.500.011	Viti M6x16 UNI 5933 non incluse - M6x16 UNI 5933 screws not included - Tornillos M6x16 UNI 5933 no incluidos - Vis M6x16 UNI 5933 non fournies - Schrauben M6x16 UNI 5933 nicht inklusive	85

Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium

Perno acciaio inox AISI 303 Ø8

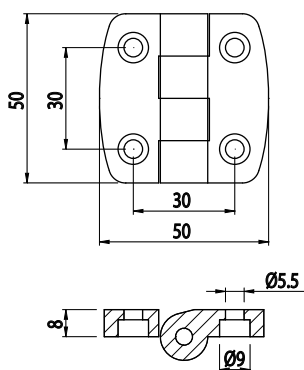
AISI 303 stainless-steel pin, Ø8 mm - Pivot acier inox AISI 303 Ø 8
Perno de acero inoxidable AISI 303 Ø8 - Bolzen aus rostfreiem Stahl AISI 303 Ø8





CERNIERA IN POLIAMMIDE

POLYAMIDE HINGE
BISAGRA DE POLIAMIDA
CHARNIÈRE EN POLYAMIDE
POLYAMIDSCHARNIER



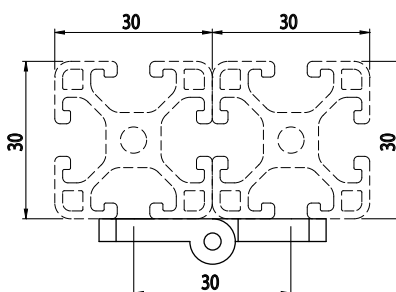
CODICE	Fissaggio	g
084.501.008	Viti M5x10 DIN 7984 non incluse - M5x10 DIN 7984 screws not included - Tornillos M5x10 DIN 7984 no incluidos - Vis M5x10 DIN 7984 non fournies - Schrauben M5x10 DIN 7984 nicht inklusive	32

Poliammide nero

Black polyamide - Polyamide noir
Poliamida color negro - Schwarzes Polyamid

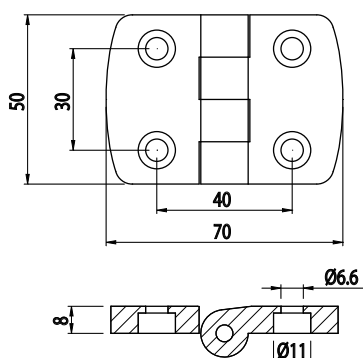
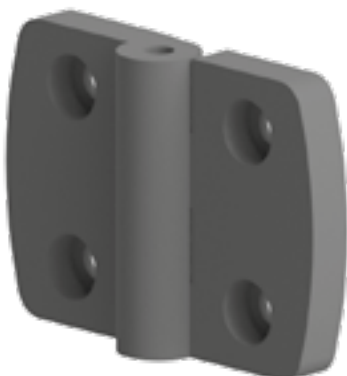
Perno acciaio inox AISI 303 Ø5

AISI 303 stainless-steel pin, Ø5 mm - Pivot acier inox AISI 303 Ø 5
Perno de acero inoxidable AISI 303 Ø5 - Bolzen aus rostfreiem Stahl AISI 303 Ø5



CERNIERA IN POLIAMMIDE

POLYAMIDE HINGE
BISAGRA DE POLIAMIDA
CHARNIÈRE EN POLYAMIDE
POLYAMIDSCHARNIER



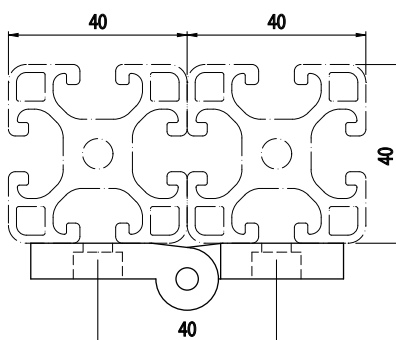
CODICE	Fissaggio	g
084.501.009	Viti TCEI M6x12 DIN 7984 non incluse - M6x12 DIN 7984 screws not included - Tornillos M6x12 DIN 7984 no incluidos - Vis M6x12 DIN 7984 non fournies - Schrauben M6x12 DIN 7984 nicht inklusive	40

Poliammide nero

Black polyamide - Polyamide noir
Poliamida color negro - Schwarzes Polyamid

Perno acciaio inox AISI 303 Ø5

AISI 303 stainless-steel pin, Ø5 mm - Pivot acier inox AISI 303 Ø 5
Perno de acero inoxidable AISI 303 Ø5 - Bolzen aus rostfreiem Stahl AISI 303 Ø5





MANIGLIA

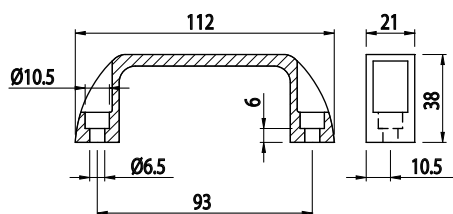
HANDLE
ASIDERO
POIGNÉE
GRIFF

CODICE	Note	d	A	D	B	s	g
084.504.001	-	6,50	109	38	93,50	21	26
084.504.002	-	8,50	129	45	112	28	34
084.504.003	-	8,50	145	45	128,50	28	37



Poliammide nero

Black polyamide - Polyamide noir
Poliamida color negro - Polyamid schwarz



MANIGLIA

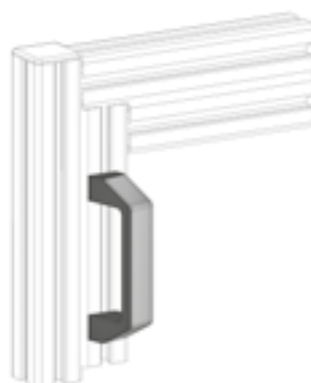
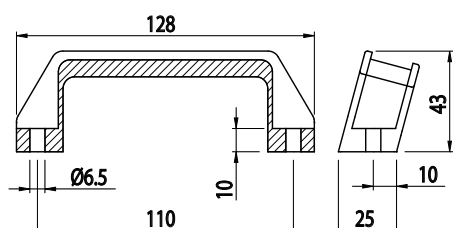
HANDLE
ASIDERO
POIGNÉE
MANIGLIA

CODICE	Note	g
084.505.001	Maniglia a ponte - D-handle - Asidero en forma de puente - Poignée à pont - Brückengriff	44



Poliammide grigio

Grey polyamide - Polyamide gris
Poliamida color gris - Polyamid grau



Tappo - Cap - Tapòn - Embout - Abdeckkappe



CODICE	Materiale	g	Colore
084.505.003	PA	8	■
084.505.003G	PA	8	■

MANIGLIA

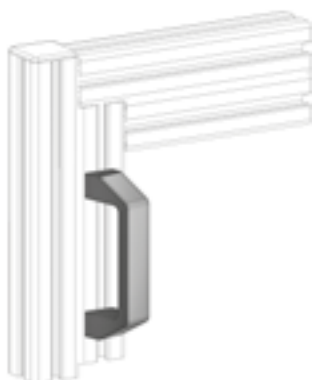
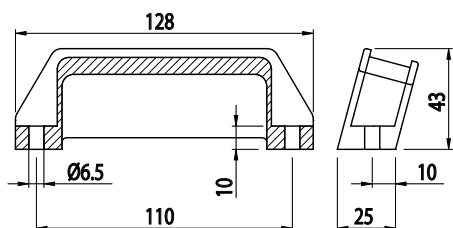
HANDLE
ASIDERO
POIGNÉE
GRIFF

CODICE	Note	g
084.505.002	Maniglia a ponte - D-handle - Asidero en forma de puente - Poignée à pont - Brückengriff	53



Poliammide grigio

Grey polyamide - Polyamide gris
Poliamida color gris - Polyamid grau



Tappo - Cap - Tapòn - Embout - Abdeckkappe



CODICE	Materiale	g	Colore
084.505.003	PA	8	■
084.505.003G	PA	8	■

MANIGLIA

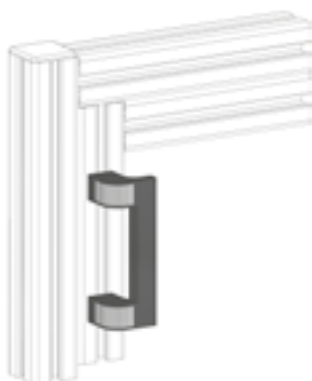
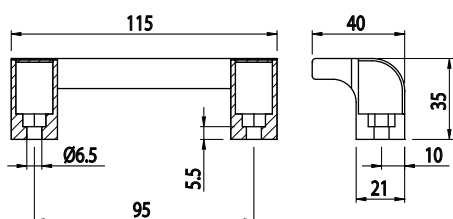
HANDLE
ASIDERO
POIGNÉE
GRIFF

CODICE	Note	g
084.506.001	Maniglia a ponte con inserti arancioni - D-handle with orange inserts - Asidero en forma de puente con insertos naranjas - Poignée à pont avec inserts oranges - Brückengriff mit orangefarbenen Einsätzen	29



Poliammide nero

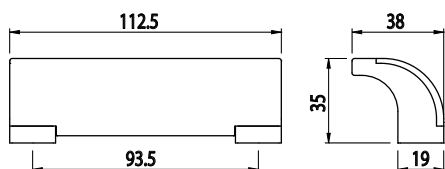
Black polyamide - Polyamide noir
Poliamida color negro - Polyamid schwarz





MANIGLIA

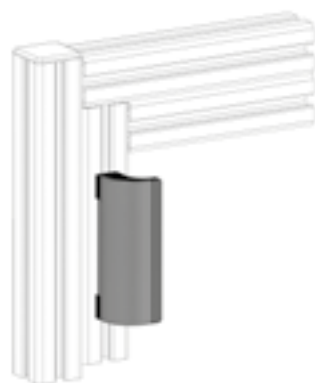
HANDLE
ASIDERO
POIGNÉE
GRIFF



CODICE	Note	g
084.506.005A	■	46
084.506.005B	■	46
084.506.005N	■	46

Poliammide nero

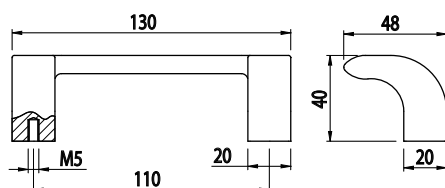
Black polyamide - Polyamide noir
Poliamida color negro - Polyamid schwarz



MANIGLIA

HANDLE
ASIDERO
POIGNÉE
GRIFF

NEW



CODICE	Note	g
084.506.008	Aperta - Open - Abierta - Ouverte - Offen	25

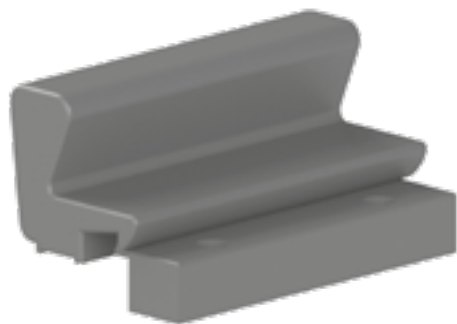
Poliammide grigio

Grey polyamide - Polyamide gris
Poliamida color gris - Polyamid grau



MANIGLIA A MOLLA

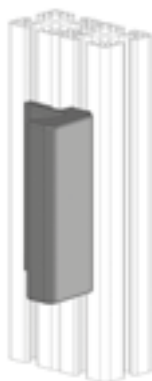
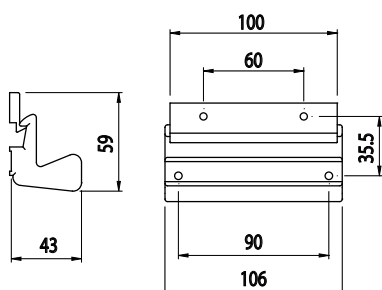
SPRING HANDLE
ASIDERO DE RESORTE
POIGNÉE À RESSORT
GRIFF MIT FEDER



CODICE	Note	g
084.506.003	Adatta all'aggancio di sportelli scorrevoli - Suitable for sliding door closing - Apta para el enganche de puertas corredizas - Adaptée à la fixation de volets coulissants - Zum Schließen von Schiebetüren geeignet	185

Alluminio verniciato nero poliammide grigio

Black painted steel, grey polyamide - Aluminium peint noir polyamide gris
Aluminio barnizado en negro y poliamida color gris - Aluminium - schwarz lackiert und Polyamid grau



MANIGLIA A TUBO

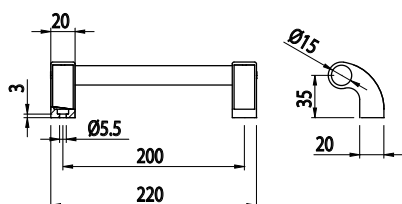
TUBULAR HANDLE
ASIDERO DE TUBO
POIGNÉE À TUBE
ROHRGRIFF



CODICE	Note	g
084.506.007N	Tubo anodizzato Ø15 - Ø15 mm anodised tube - Tubo anodizado Ø15 - Tube anodisé Ø 15 - Eloxiertes Rohr Ø15	65

Alluminio Anodizzato e poliammide nero

Anodised aluminium and black polyamide - Aluminium anodisé et polyamide noir
Aluminio anodizado y poliamida color negro - Eloxiertes Aluminium und schwarzes Polyamid





MANIGLIA A TUBO

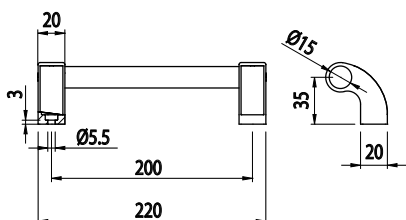
TUBULAR HANDLE
ASIDERO DE TUBO
POIGNÉE À TUBE
ROHRGRIFF

CODICE	Note	g
084.506.007NR	Tubo gommato Ø15 - Ø15 mm rubberised tube - Tubo engomado Ø15 - Tube caoutchouté Ø 15 - Kautschutiertes Rohr Ø15	65



Alluminio Anodizzato e poliammide nero

Anodised aluminium and black polyamide -
Aluminium anodisé et polyamide noir
Aluminio anodizado y poliamida color negro - Eloxiertes Aluminium und schwarzes Polyamid



MANIGLIA A TUBO

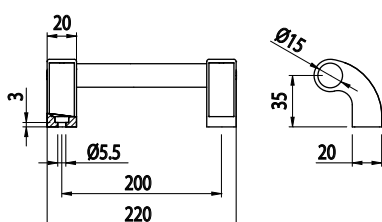
TUBULAR HANDLE
ASIDERO DE TUBO
POIGNÉE À TUBE
ROHRGRIFF

CODICE	Note	g
084.506.007G	Tubo anodizzato Ø15 - Ø15 mm anodised tube - Tubo anodizado Ø15 - Tube anodisé Ø 15 - Eloxiertes Rohr Ø15	65



Alluminio Anodizzato e poliammide grigio

Anodised aluminium and grey polyamide -
Aluminium anodisé et polyamide gris
Aluminio anodizado y poliamida color gris - Eloxiertes Aluminium und graues Polyamid



MANIGLIA A TUBO

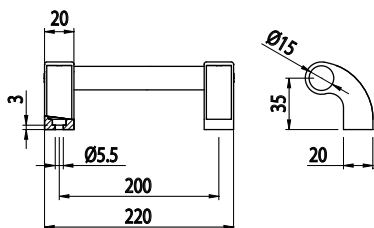
TUBULAR HANDLE
ASIDERO DE TUBO
POIGNÉE À TUBE
ROHRGRIFF

CODICE	Note	g
084.506.007GR	Tubo gommato Ø15 - Ø15 mm rubberised tube - Tubo engomado Ø15 - Tube caoutchouté Ø15 - Kautschutiertes Rohr Ø15	65



Alluminio Anodizzato e poliammide grigio

Anodised aluminium and grey polyamide -
Aluminium anodisé et polyamide gris
Aluminio anodizado y poliamida color gris -
Eloxiertes Aluminium und graues Polyamid





SUPPORTI PER MANIGLIA

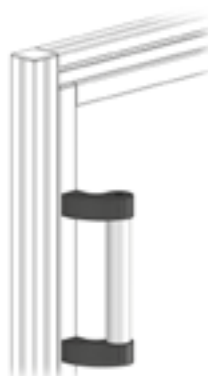
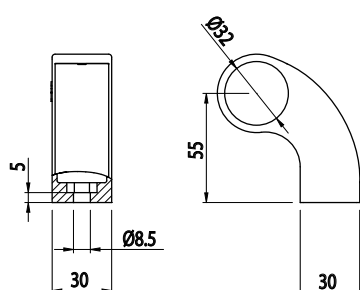
SUPPORTS FOR HANDLE
SOPORTES PARA ASIDERO
SUPPORTS POUR POIGNÉE
HALTERUNG FÜR GRIFF



CODICE	Note	g
084.506.006	Per tubo Ø32 - For Ø32 tube - Para tubo Ø32 - Pour tube Ø 32 - Für Rohr Ø32	93
084.506.006G	Per tubo Ø32 - For Ø32 mm tube - Para tubo Ø32 - Pour tube Ø 32 - Für Rohr Ø32	93

Poliammide nero

Black polyamide - Polyamide noir
Poliamida color negro - Schwarzes Polyamid



CODICE PER ORDINE KIT MANIGLIA COMPLETA

CODE FOR ORDER COMPLETE HANDLE KIT / CÓDIGO PARA PEDIR EL KIT DE ASIDERO COMPLETO
CODE POUR COMMANDE KIT POIGNÉE COMPLÈTE / CODE ZUR BESTELLUNG DES KOMPLETTEN GRIFFSATZ

084.506.006



maniglia completa di tubo in alluminio Ø32

handle complete with aluminium tube Ø32

084.506.006G



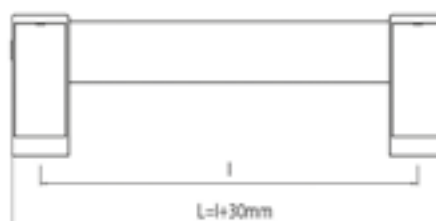
manija con tubo en aluminio Ø32

poignée avec tube en aluminium Ø32

Griff mit Aluminium Rohr Ø32

I interasse tra i due supporti
I distance between the two supports
I distancia entre los dos soportes
I distance entre les deux supports
I Abstand zwischen den zwei Halter

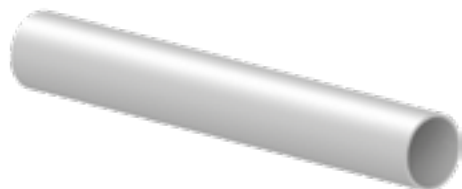
tubo / tube / tubo / tube / Rohr
A anodizzato / anodized / anodizado / anodisé / eloxiert
B verniciato blu / blu coated / pintado azul / peint en bleu / Bleu lackiert
R gommato / rubberised / cauchutado / caoutchouté / gummiert



TUBO PER MANIGLIA

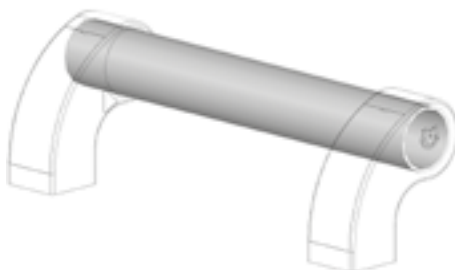
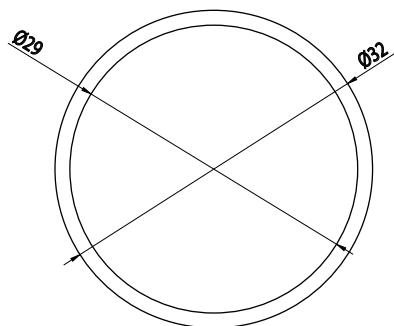
TUBE FOR HANDLE
TUBO PARA ASIDERO
TUBE POUR POIGNÉE
ROHR FÜR GRIFF

CODICE	Note	Kg/m
084.506.006PA	Ø32 mm	0,35



Alluminio anodizzato

Anodised aluminium - Aluminium anodisé
Aluminio anodizado - Eloxiertes Aluminium
L=2000mm



TUBO PER MANIGLIA

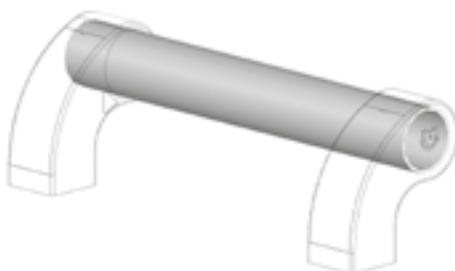
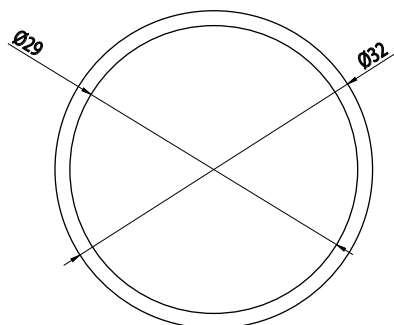
TUBE FOR HANDLE
TUBO PARA ASIDERO
TUBE POUR POIGNÉE
ROHR FÜR GRIFF

CODICE	Note	Kg/m
059.032.029	Ø32 mm	0,35



Alluminio verniciato blu

Blue painted aluminium - Aluminium peint
bleu
Aluminio barnizado en azul - Lackiertes
Aluminium blau
L=2000mm

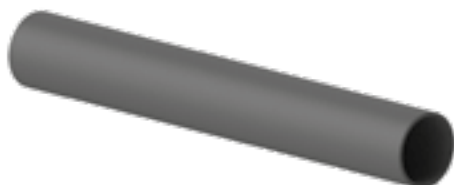




GUAINA PER TUBO

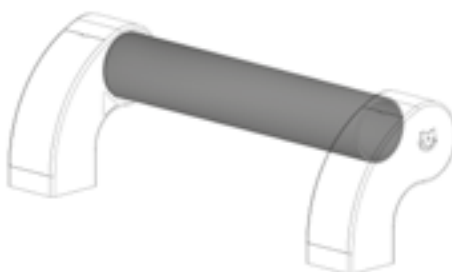
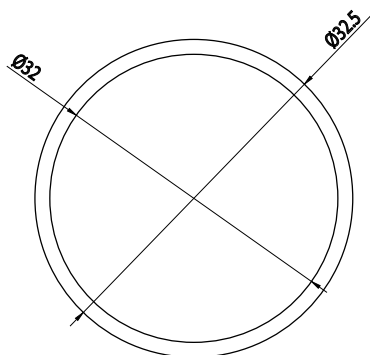
SHEATH FOR TUBE, Ø 32 mm
 REVESTIMIENTO PARA TUBO Ø 32
 GAINE POUR TUBE Ø 32
 HÜLLE FÜR ROHR Ø32

CODICE	Note	g/m
084.506.006R	Ø 32 mm	30



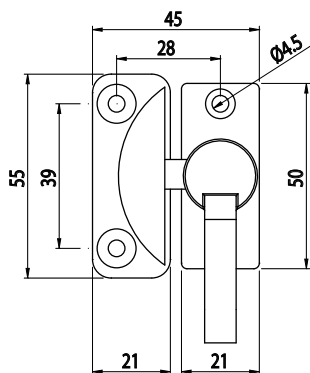
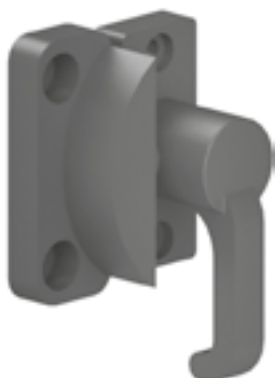
Gomma nera

Black rubber - Caoutchouc noir
 Goma negra - Schwarzer Gummi



SCROCCHETTO CHIUDI ANTA

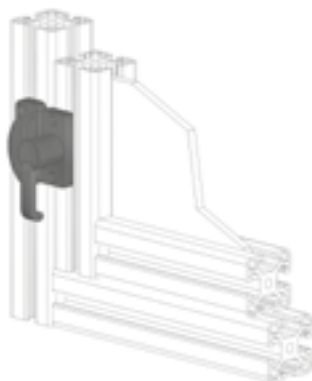
DOOR LEAF CLOSURE
CIERRE
LOQUET FERMETURE BATTANT
TÜRVERSCHLUSS



CODICE	Note	g
084.517.001	Poliammide nero - Black polyamide - Poliamida color negro - Polyamide noir - Polyamid schwarz	34

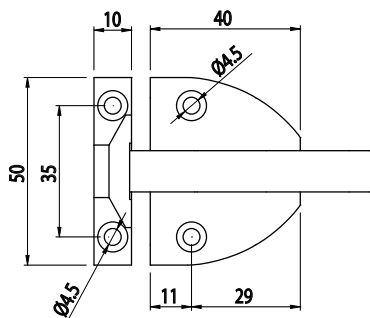
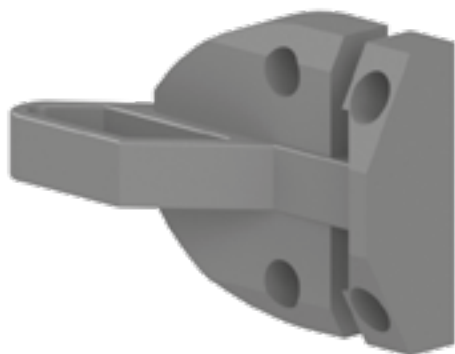
1 Dx + 1 Sx completo di viti autofilettanti

1 RH + 1 LH complete with self-tapping screws - 1 droit + 1 gauche doté de vis taraudeuses
1 dcho. + 1 izdo., incluye tornillos autorroscantes - 1 Re + 1 Li einschließlich gewindeformender Schrauben



SCROCCHETTO A MOLLA

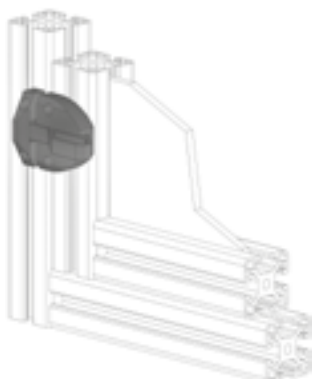
SPRING CLOSURE
CIERRE DE RESORTE
LOQUET À RESSORT
FEDERVERSCHLUSS



CODICE	Note	g
084.518.002	Completo viti autofilettanti - Complete with self-tapping screws - Incluye tornillos autorroscantes - Doté de vis taraudeuses - Einschließlich gewindeformender Schrauben	33

Poliammide nero

Black polyamide - Polyamide noir
Poliamida color negro - Polyamid schwarz





SERRATURA A CHIAVE

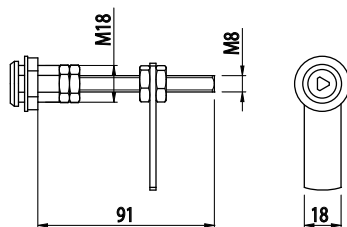
LOCK WITH KEY
CERRADURA DE LLAVE
SERRURE À CLÉ
SCHLÜSSELSCHLOSS

CODICE	Note	g
084.519.001	Completo di chiave - Complete with key - Incluye llave - Doté de clé - Einschließlich Schlüssel	190



Acciaio zincato

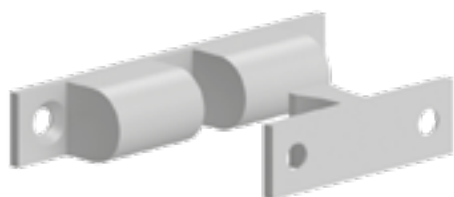
Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



CLIPS FERMAPORTE

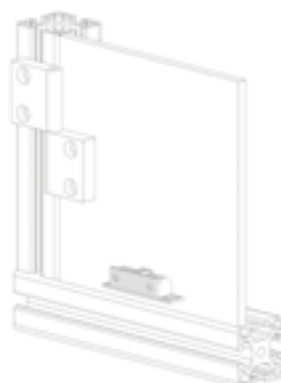
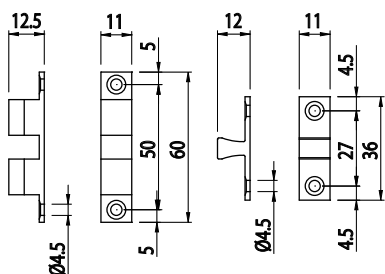
DOOR CLOSURE CLIPS
CLIPS DE TOPE DE PUERTAS
CLIPS DE FERMETURE PORTES
TÜRSTOPPERCLIPS

CODICE	Note	g
084.519.002	Completo di piastrina di appoggio - Complete with strike plate - Incluye placa de apoyo - Doté de plaquette d'appui - Einschließlich Tragplatte	39



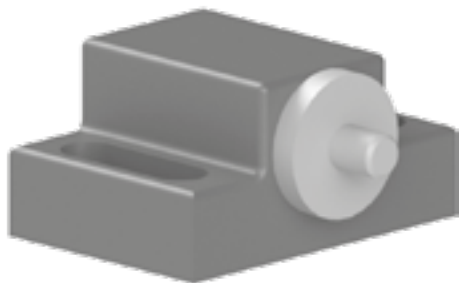
Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



FERMAPORTE A CALAMITA

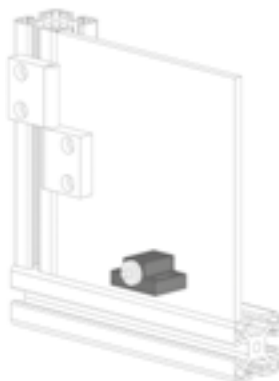
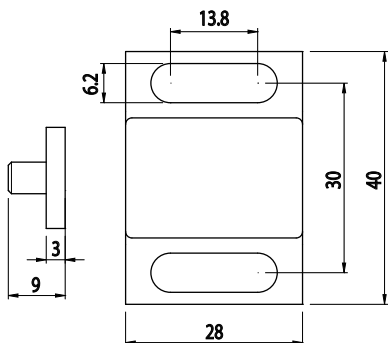
MAGNET DOOR CLOSER
TOPE CON IMÁN
FERMETURE PORTES À AIMANT
MAGNETISCHER TÜRSTOPPER



CODICE	Note	g
084.525.001	Completo di piastrina di appoggio e magnete - Complete with strike plate and magnet - Incluye placa de apoyo e imán - Doté de plaquette d'appui et d'aimant - Einschließlich Tragplatte und Magnet	37

Poliammide rinforzata

Reinforced polyamide - Polyamide renforcé
Poliamida reforzada - Verstärktes Polyamid



FERMAPORTE

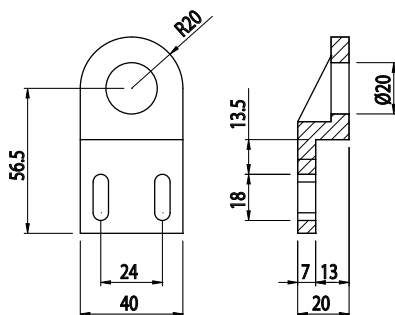
DOOR CLOSER
TOPE DE PUERTA
FERMETURE PORTES
TÜRSTOPPER



CODICE	Note	g
084.522.001	Per magnete M18 - For M18 magnet - Para imán M18 - Pour aimant M18 - Für Magnet M18	27

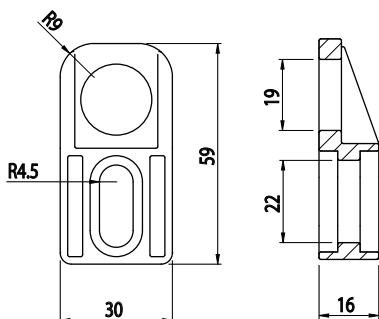
Poliammide grigio

Grey polyamide - Polyamide gris
Poliamida color gris - Polyamid grau





FERMAPORTE
DOOR CLOSER
TOPE DE PUERTA
FERMETURE PORTES
TÜRSTOPPER



NEW

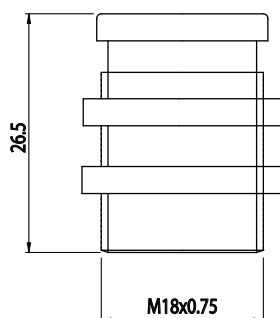
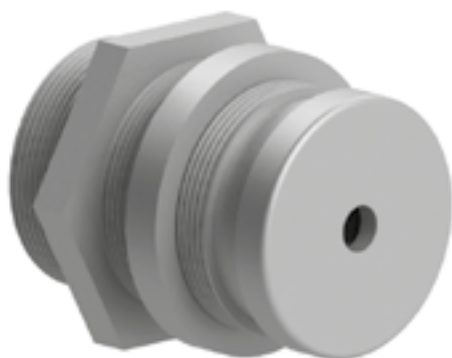
CODICE	Note	g
084.522.003	Per magnete M18 - For M18 magnet - Para imán M18 - Pour aimant M18 - Für Magnet M18	12

Poliammide nero

Black polyamide - Polyamide noir
Poliamida color negro - Polyamid schwarz



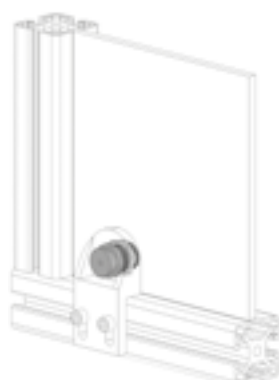
MAGNETE
MAGNET
IMÁN
AIMANT
MAGNET



CODICE	Note	g
084.523.001	Forza di attrazione 50 N - Attractive force 50 N - Fuerza de atracción 50 N - Force attractive 50 N - Anziehungskraft 50 N	52

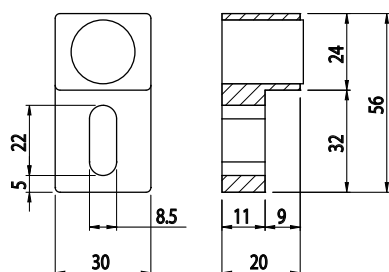
Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



FERMAPORTE CON MAGNETE

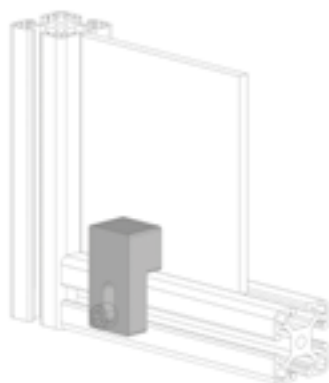
DOOR CLOSER WITH MAGNET
TOPE DE PUERTA CON IMÁN
FERMETURE PORTES À AIMANT
TÜRSTOPPER MIT MAGNET



CODICE	Note	g
084.524.001	Completo di magnete - Complete with magnet - Incluye imán - Doté d'aimant - Einschließlich Magnet	70

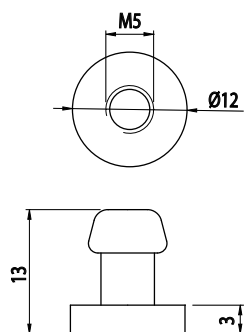
Poliammide nero

Black polyamide - Polyamide noir
Poliamida color negro - Polyamid schwarz



AGGANCIO A CLIPS

CLIPS HOOKING
ACOPLAMIENTO CON CLIPS
ACCROCHAGE AVEC CLIPS
CLIP BEFESTIGUNG



CODICE	Note	g
084.523.003	Perno di riscontro - Stop pin - Perno de guía - Goupille de butée - Klemmnuss	5

Acciaio zincato

Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl





AGGANCIO A CLIPS

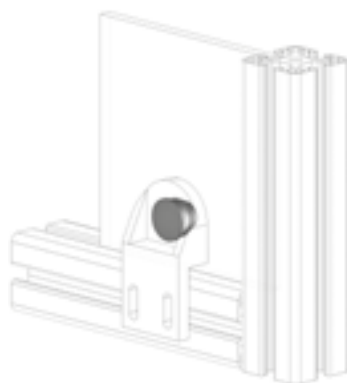
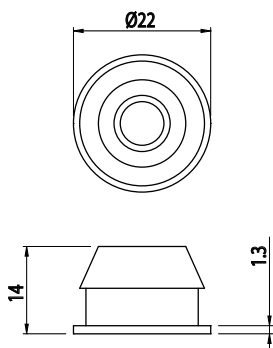
CLIPS HOOKING
 ACOPLAMIENTO CON CLIPS
 ACCROCHAGE AVEC CLIPS
 CLIP BEFESTIGUNG

CODICE	Note	g
084.523.002	Clips	4



Gomma termoplastica

Thermoplastic rubber - Caoutchouc thermoplastique
 Goma termoplástica - Thermoplastischer Gummi



BLOCCHETTO FERMACAVI

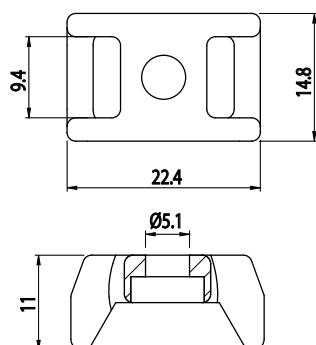
CABLE CLIP
 BLOQUE OCULTA-CABLES
 EMBASE
 KABELHALTERBLOCK

CODICE	Note	g
084.510.013	Fissaggio con viti M5 non incluse - Fastening with M5 screws, not included - Fijación con tornillos M5, no incluidos - Fixation avec vis M5 non fournies - Befestigung mit Schrauben M5 (nicht im Lieferumfang enthalten)	2



Poliammide grigio

Grey polyamide - Polyamide gris
 Poliamida color gris - Polyamid grau



MOLLA A GAS

GAS SPRING
MUELLE DE GAS
RESSORT À GAZ
GASFEDER



CODICE	N	A	B	g
084.527.001	50	110	263	96
084.527.002	100	110	263	96
084.527.003	150	110	263	96
084.527.004	200	110	263	95
084.527.005	250	110	263	95
084.527.006	300	110	263	97
084.527.007	100	115	305	109
084.527.008	100	142	365	190
084.527.009	200	142	365	190
084.527.010	250	142	365	194
084.527.011	300	142	365	194
084.527.012	350	142	365	194
084.527.013	250	200	483	237

A richiesta sono fornibili altri modelli

Other models available on request - Autres modèles disponibles sur demande
Bajo solicitud pueden suministrarse otros modelos - Auf Anfrage können weitere Modelle geliefert werden

CALCOLO PER IL MONTAGGIO DI UNA MOLLA A GAS

GAS SPRING INSTALLATION CALCULATION / CÁLCULO PARA EL MONTAJE DE UN MUELLE DE GAS
CALCUL POUR LE MONTAGE D'UN RESSORT À GAZ / BERECHNUNG FÜR DIE MONTAGE EINER GASDRUCKFEDER

Definizione della forza di estensione F1 (N) a 20° C

Defining the extension force F1 (N) at 20° C
Definición de la fuerza de extensión F1 (N) a 20 °C
Définition de la force d'extension F1 (N) à 20°C
Definition der Dehnungskraft F1 (N) bei 20° C

$$F1 = \frac{G \times D}{b \times n} \times 13 \text{ (N)}$$

G = Peso del portellone in Kg

Weight of door in kg / Peso de la puerta en kg / Poids du battant en kg / Gewicht der Klappe in kg

L = Distanza tra il baricentro ed il punto di rotazione in mm

L = Distance between the centre of gravity and point of rotation in mm / Distancia entre el centro de gravedad y el punto de rotación en mm / Distance entre le barycentre et le point de rotation en mm / Abstand zwischen Schwerpunkt und Drehpunkt in mm

b = Braccio di leva utile della molla a gas in mm, portellone aperto

b = Effective lever arm of gas spring in mm with door open / Brazo de palanca útil del muelle de gas en mm, con la puerta abierta / Bras de levier utile du ressort à gaz en mm, battant ouvert / Nutzhebelarm der Gasdruckfeder in mm, geöffnete Klappe

13 = Coefficiente di conversione kg - N + riserva di sicurezza

13 = kg to N conversion factor + safety margin / Coeficiente de conversión kg - N + reserva de seguridad
Coefficient de conversion kg - N + marge de sécurité / Umrechnungsfaktor kg - N + Sicherheitsmarge

P = Fissaggio del portellone ca.2/3 L

P = Connection to door at approx. 2/3 of L / Fijación de la puerta en 2/3 L aprox. / Fixation du battant environ 2/3 L / Befestigung der Klappe ca.2/3 L

n = Numero delle molle a gas (Standard: n = 2)

n = Number of gas springs (2 x standard) / Número de muelles de gas (estándar: n = 2) / Nombre de ressorts à gaz (Standard : n = 2) / Anzahl der Gasdruckfedern (Standard: n = 2)

D = Braccio di leva utile della forza di gravità in mm, portellone aperto

D = Effective lever arm of force of gravity in mm with door open / Brazo de palanca útil de la fuerza de gravedad en mm, con la puerta abierta / Bras de levier utile de la force de gravité en mm, battant ouvert / Nutzhebelarm der Schwerkraft in mm, geöffnete Klappe

Esempio

Example / Ejemplo / Example / Beispiel

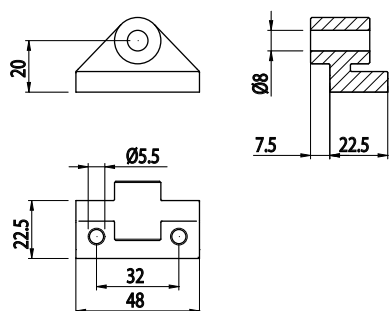
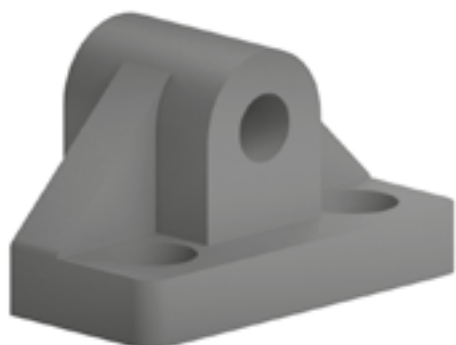
G = 30 kg, D = 400 mm, b = 200 mm, n = 2

$$F1 = \frac{30 \times 400}{200 \times 2} \times 13 = 390 \text{ N}$$



SUPPORTO PER MOLLA A GAS

GAS SPRING SUPPORT
SOPORTE PARA MUELLE DE GAS
SUPPORT POUR RESSORT À GAZ
HALTERUNG FÜR GASFEDER



CODICE	Note	g
084.528.001	Supporto per molla - Support for spring - Soporte para muelle - Support pour ressort - Halterung für Feder	21

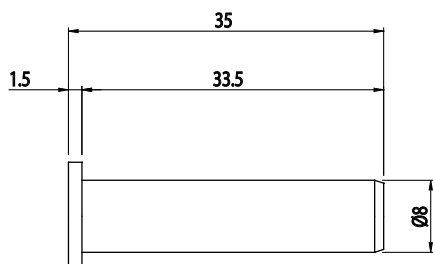
Poliammide grigio

Grey polyamide - Polyamide gris
Poliamida color gris - Polyamid grau



PERNO SUPPORTO

SUPPORT PIN
PERNO SOPORTE
PIVOT SUPPORT
AUFNAHMEBOLZEN



CODICE	Note	g
084.528.002	Perno supporto - Support pin - Perno soporte - Axe de support - Aufnahmebolzen	14

Acciaio zincato

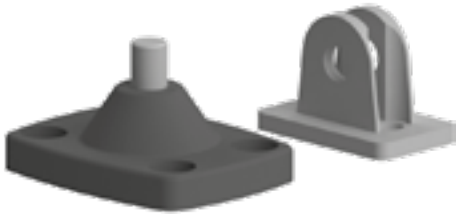
Galvanised steel - Acier zingué
Acero galvanizado - Verzinkter Stahl



SUPPORTO PER MOLLA A GAS

GAS SPRING SUPPORT
SOPORTE PARA MUELLE DE GAS
SUPPORT POUR RESSORT À GAZ
HALTERUNG FÜR GASFEDER

CODICE	Note	g
084.528.003	Con perno Ø6. - With Ø6 mm pin. - Con perno Ø6. - Avec axe Ø 6 - Mit Bolzen Ø6.	18

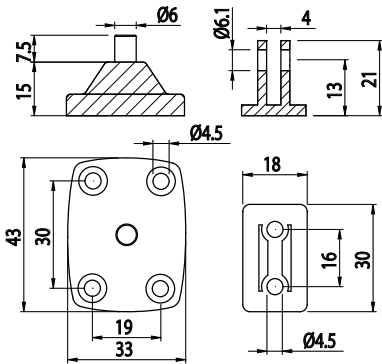


Poliammide grigio e acciaio zincato

Grey polyamide and galvanised steel -
Polyamide gris et acier zingué
Poliamida color gris y acero galvanizado -
Graues Polyamid und verzinkter Stahl

Per piccole molle a gas

For small gas springs - Pour petites res-
sorts à gaz
Para pequeñas muelles de gas - Für
kleine Gasfedern



SUPPORTO PER MOLLA A GAS

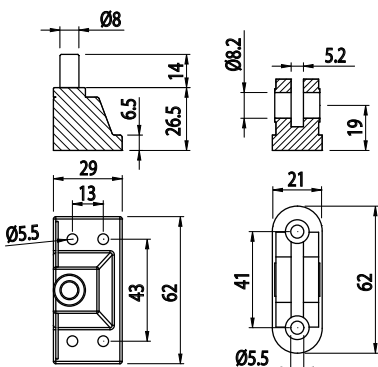
GAS SPRING SUPPORT
SOPORTE PARA MUELLE DE GAS
SUPPORT POUR RESSORT À GAZ
HALTERUNG FÜR GASFEDER

CODICE	Note	g
084.528.004	Con perno Ø8 - With Ø8 mm pin - Con perno Ø8 - Avec axe Ø 8 - Mit Bolzen Ø8	63



Poliammide grigio e acciaio zincato

Grey polyamide and galvanised steel -
Polyamide gris et acier zingué
Poliamida color gris y acero galvanizado -
Graues Polyamid und verzinkter Stahl





INTERRUTTORE DI SICUREZZA

SAFETY SWITCH
INTERRUPTOR DE SEGURIDAD
INTERRUPTEUR DE SÉCURITÉ
SICHERHEITSSCHALTER



CODICE	Note	g
084.601.001	Finecorsa a 1 contatto NC - Limit switch, 1 contact, NC - Final de carrera de 1 contacto NC - Fin de course à 1 contact NF - Endschalter mit 1 Kontakt NC	160

INTERRUTTORE DI SICUREZZA

SAFETY SWITCH
INTERRUPTOR DE SEGURIDAD
INTERRUPTEUR DE SÉCURITÉ
SICHERHEITSSCHALTER



CODICE	Note	g
084.601.002	Finecorsa a 2 contatti 1NC + 1NA - Limit switch, 2 contacts, 1NC + 1NO - Final de carrera de 2 contactos, 1 NC + 1 NA - Fin de course à 2 contacts 1 NF + 1 NO - Endschalter mit 2 Kontakten 1 NC + 1 NO	184

MICRO DI SICUREZZA

SAFETY MICROSWITCH
 MICROINTERRUPTOR DE SEGURIDAD
 MICRO-CONTACTEUR DE SÉCURITÉ
 SICHERHEITSMIKROSCHALTER



CODICE	Note	g
084.601.003	Finecorsa a 3 contatti 2NC + 1NA - Limit switch, 3 contacts, 2NC + 1NO - Final de carrera de 3 contactos, 2 NC + 1 NA - Fin de course à 3 contacts 2 NF + 1 NO - Endschalter mit 3 Kontakten 2 NC + 1 NO	143

MICRO DI SICUREZZA

SAFETY MICROSWITCH
 MICROINTERRUPTOR DE SEGURIDAD
 MICRO-CONTACTEUR DE SÉCURITÉ
 SICHERHEITSMIKROSCHALTER



CODICE	Note	g
084.602.001	Interruttore di sicurezza a 2 contatti NC - Safety switch with 2 NC contacts - Interruptor de seguridad de 2 contactos NC - Interrupteur de sécurité à 2 contacts NF - Sicherheitsschalter mit 2 Kontakten NC	131



MICRO ROTATIVO DI SICUREZZA

SAFETY ROTARY MICROSWITCH
 MICROINTERRUPTOR ROTATIVO DE SEGURIDAD
 MICRO-CONTACTEUR ROTATIF DE SÉCURITÉ
 SICHERHEITSMIKRODREHSCHALTER



CODICE	Note	g
084.603.001	Finecorsa per assi cerniera con 2 contatti 1NC+1NA - Limit switch for hinge axis with 2 contacts, 1NC+1NO - Final de carrera para ejes bisagra con 2 contactos, 1 NC+1 NA - Fin de course pour axes charnière à 2 contacts 1 NF+1 NO - Endschalter für Scharnierachsen mit 2 Kontakten 1 NC+1 NO	96

PERNO PER MICRO ROTATIVO

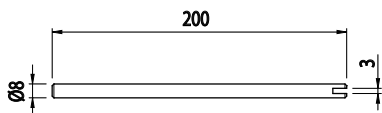
PIN FOR SAFETY ROTARY MICROSWITCH
 PERNO PARA MICROINTERRUPTOR ROTATIVO
 PIVOT POUR MICRO-CONTACTEUR ROTATIF
 BOLZEN FÜR MIKRODREHSCHALTER



CODICE	Note	g
084.531.001	Per cerniere 084.500.001 - 2 - 3 - 4 - 5 - 6 - For hinges 084.500.001 - 2 - 3 - 4 - 5 - 6 - Para bisagras 084.500.001 - 2 - 3 - 4 - 5 - 6 - Pour charnières 084.500.001 - 2 - 3 - 4 - 5 - 6 - Für Scharniere 084.500.001 - 2 - 3 - 4 - 5 - 6	91

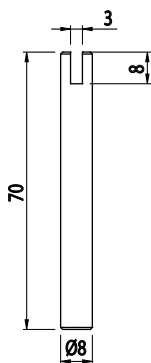
Acciaio zincato

Galvanised steel - Acier zingué
 Acero galvanizado - Verzinkter Stahl



PERNO PER MICRO ROTATIVO

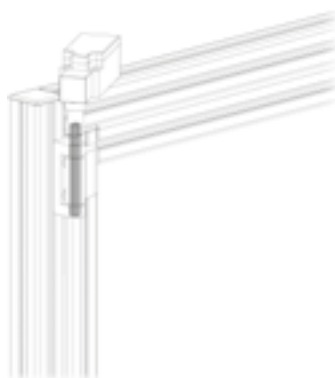
PIN FOR SAFETY ROTARY MICROSWITCH
 PERNO PARA MICROINTERRUPTOR ROTATIVO
 PIVOT POUR MICRO-CONTACTEUR ROTATIF
 BOLZEN FÜR MIKRODREHSCHALTER



CODICE	Note	g
084.533.002	Adatto alle cerniere 084.503.002 - 003 - Compatible with hinges 084.503.002 - 003 - Apto para las bisagras 084.503.002 - 003 - Adapté aux charnières 084.503.002 - 003 - Geeignet für Scharniere 084.503.002 - 003	27

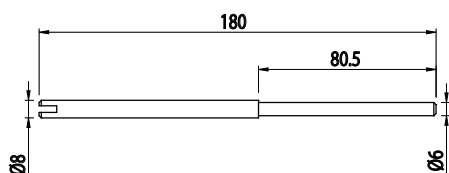
Acciaio zincato

Galvanised steel - Acier zingué
 Acero galvanizado - Verzinkter Stahl



PERNO PER MICRO ROTATIVO

PIN FOR SAFETY ROTARY MICROSWITCH
 PERNO PARA MICROINTERRUPTOR ROTATIVO
 PIVOT POUR MICRO-CONTACTEUR ROTATIF
 BOLZEN FÜR MIKRODREHSCHALTER



CODICE	Note	g
084.608.001	Adatto alla cerniera 084.503.001 - Compatible with hinge 084.503.001 - Apto para la bisagra 084.503.001 - Adapté aux charnières 084.503.001 - Geeignet für Scharnier 084.503.001	65

Acciaio inox

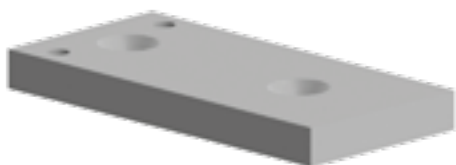
Stainless steel - Acier inox
 Acero inoxidable - Rostfreier Stahl



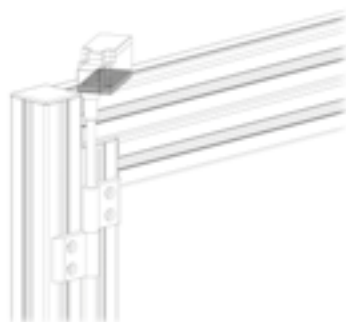
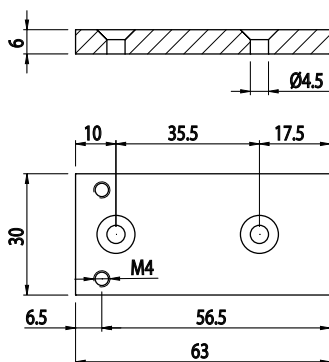


PIASTRINA PER MICRO
 PLATE FOR MICROSWITCH
 PLACA PARA MICROINTERRUPTOR
 PLAQUETTE POUR MICRO-CONTACTEUR
 PLATTE FÜR MIKROSCHALTER

CODICE	Note	g
084.604.001	Piastrina sp. 6 mm - Plate, th. 6 mm - Placa gr. 6 mm - Plaquette ép. 6 mm - Platte Dicke 6 mm	24



Alluminio
 Aluminium - Aluminium
 Aluminio - Aluminium

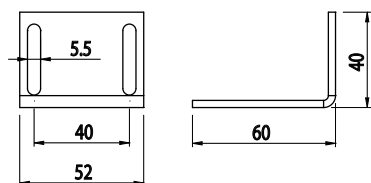


PIASTRINA PER MICRO
 PLATE FOR MICROSWITCH
 PLACA PARA MICROINTERRUPTOR
 PLAQUETTE POUR MICRO-CONTACTEUR
 PLATTE FÜR MIKROSCHALTER

CODICE	Note	g
084.604.003	Per fissaggio esterno - For external fastening - Para fijación externa - Pour fixation externe - Für äußere Befestigung	91



Acciaio inox
 Stainless steel - Acier inox
 Acero inoxidable - Rostfreier Stahl



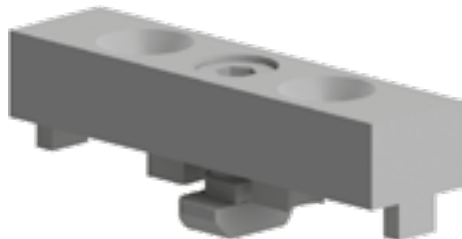
MASCHERA FORATURA

DRILLING TEMPLATE
PLANTILLA DE TALADRADO
GABARIT DE PERÇAGE
BOHRMASKE

NEW

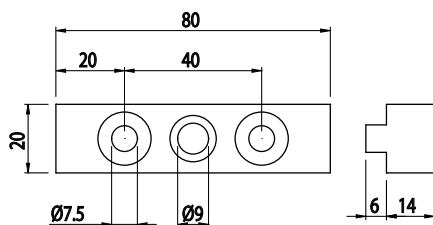
IM
85
40

CODICE	Note	g
084.818.014	Completo di viti - Complete with screws - Incluye tornillos - Avec vis - Einschließlich Schrauben	40



Alluminio

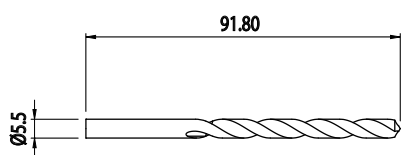
Aluminium - Aluminium
Aluminio - Aluminium



PUNTA Ø5,5

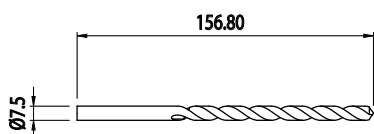
Ø5.5 mm BIT
BROCA Ø5,5
FORET Ø 5,5
BOHREINSATZ Ø5,5

CODICE	Note	g
084.818.005	Adatta a profili cava 6 - Suitable for 6 mm slot profiles - Apta para perfiles con ranura de 6 mm - Adaptée aux profilés rainure 6 - Geeignet für Profile mit Nut 6	20



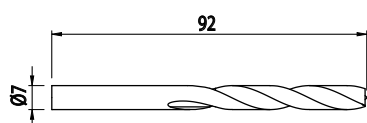


PUNTA Ø7,5
 Ø7.5 mm BIT
 BROCA Ø7,5
 FORET Ø 7,5
 BOHREINSATZ Ø7,5



CODICE	Note	g
084.818.006	Adatta a profili cava 8 - Suitable for 8 mm slot profiles - Apta para perfiles con ranura de 8 mm - Adaptée aux profilés rainure 8 - Geeignet für Profile mit Nut 8	53

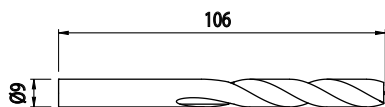
PUNTA Ø7
 Ø7 mm BIT
 BROCA Ø7
 FORET Ø 7
 BOHREINSATZ Ø7



CODICE	Note	g
084.818.007	Adatta alle boccole M5 - Suitable for M5 bushings - Apta para casquillos M5 - Adaptée aux douilles M5 - Geeignet für Buchsen M5	50

**PUNTA Ø9**

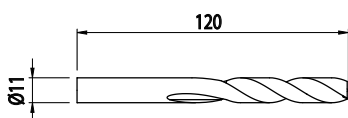
Ø9 mm BIT
BROCA Ø9
FORET Ø 9
BOHREINSATZ Ø9



CODICE	Note	g
084.818.008	Adatta alle boccole M6 - Suitable for M6 bushings - Apta para casquillos M6 - Adaptée aux douilles M6 - Geeignet für Buchsen M6	75

PUNTA Ø11

Ø11 mm BIT
BROCA Ø11
FORET Ø 11
BOHREINSATZ Ø11



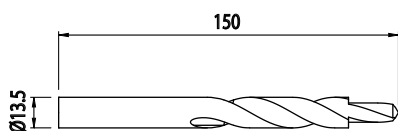
CODICE	Note	g
084.818.009	Adatta alle boccole M8 - Suitable for M8 bushings - Apta para casquillos M8 - Adaptée aux douilles M8 - Geeignet für Buchsen M8	95



PUNTA PER LAMATURE
 COUNTERBORE BIT
 BROCA PARA AVELLANADO
 FRAISE À LAMER
 BOHREINSATZ FÜR SENKUNGEN



CODICE	Note	g
084.818.003	Per lamature Ø9 - Ø13,5 - For Ø9 - Ø13.5 mm counterbore - Para avellanados Ø9 - Ø13,5 - Pour lamages Ø 9 - Ø 13,5 - Für Senkungen Ø9 - Ø13,5	120



SET DI CHIAVI ESAGONALI
 SET OF ALLEN KEYS
 SET DE LLAVES HEXAGONALES
 JEU DE CLÉS ALLEN
 SECHSKANTSCHLÜSSELSET



CODICE	Note	g
084.818.010	Set di chiavi 2,5 - 6 - Set of 2.5 - 6 mm wrenches - Set de llaves 2,5-6 - Jeu de clés 2,5 - 6 - Schlüsselset 2,5 - 6	700



COLLA AD ALTA RESISTENZA
HIGH-STRENGTH ADHESIVE
PEGAMENTO DE ALTA RESISTENCIA
COLLE À HAUTE RÉISTANCE
HOCHFESTER KLEBSTOFF



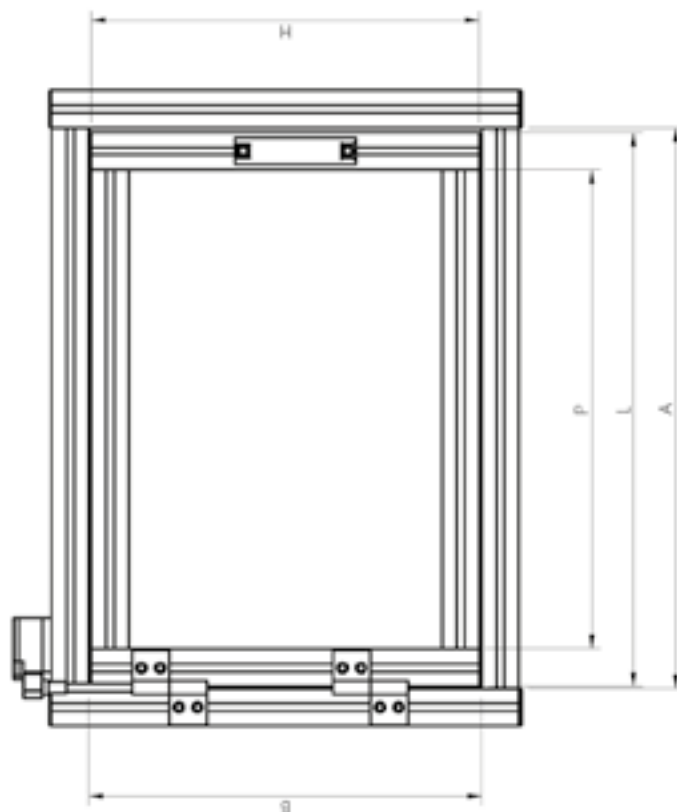
CODICE	Note	g
084.818.004	Colla ad alta resistenza per acciaio e alluminio - High-strength adhesive for steel and aluminium - Pegamento de alta resistencia para acero y aluminio - Colle à haute résistance pour acier et aluminium - Hochfester Klebstoff für Stahl und Aluminium	70



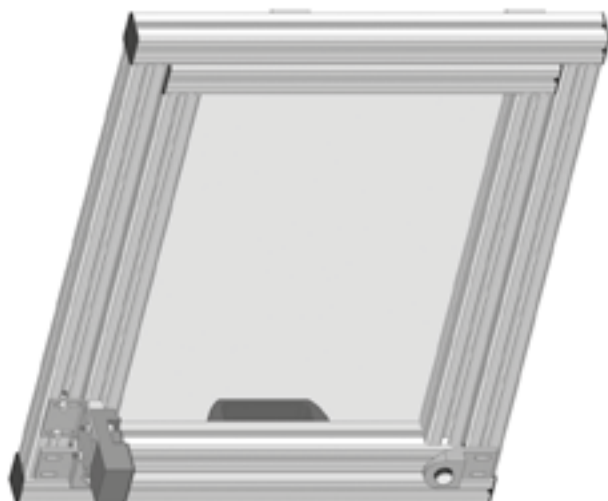
PORTE CON INTERRUOTORE DI SICUREZZA
 DOORS WITH SAFETY SWITCH
 PUERTAS CON INTERRUPTOR DE SEGURIDAD
 PORTES AVEC INTERRUPTEUR DE SÉCURITÉ
 TÜREN MIT SICHERHEITSSCHALTER



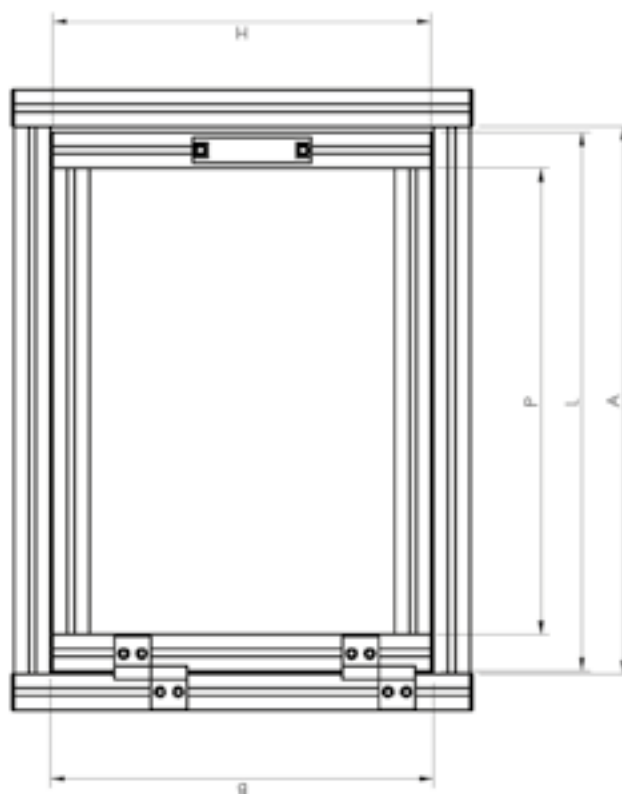
SPORTELLINO
LxH
L= A-7
H= B-10
P= L-80



PORTE CON INTERRUTTORE DI SICUREZZA
 DOORS WITH SAFETY SWITCH
 PUERTAS CON INTERRUPTOR DE SEGURIDAD
 PORTES AVEC INTERRUPTEUR DE SÉCURITÉ
 TÜREN MIT SICHERHEITSSCHALTER



SPORTELLO
LxH
L= A-7
H= B-10
P= L-80



INDICE

INDEX
ÍNDICE
INDEX
INDEX



COD.	PAG.	COD.	PAG.	COD.	PAG.
008VEKA103	109	084.201.081	15	084.301.035	42
008VEKA111	109	084.201.082	19	084.301.036	42
008VEKA115	109	084.202.002	56	084.301.038	42
030LEX	107	084.202.002N	56	084.301.039	44
031LEX	107	084.202.005	56	084.301.040	44
032LEX	107	084.202.005N	56	084.301.054	42
034LEX	107	084.202.006	57	084.301.055	45
035LEX	107	084.202.007	58	084.301.056	45
059.032.029	124	084.202.008	58	084.301.057	45
062LEX	108	084.202.009	57	084.301.058	45
084.101.053	35	084.203.001	40	084.301.059	45
084.101.054	35	084.203.001G	40	084.301.060	45
084.101.055	36	084.203.015	39	084.301.061	45
084.101.056	36	084.203.016	39	084.301.062	45
084.101.065	36	084.203.017	41	084.301.063	45
084.101.078	35	084.206.001	73 74	084.301.064	45
084.101.079	35	084.206.001G	73 74	084.301.065	45
084.112.001	31	084.206.002	74	084.301.066	45
084.112.002	32	084.206.002G	74	084.301.067	45
084.114.001	23	084.206.007	71	084.301.068	45
084.114.002	23	084.206.007G	71	084.301.076	44
084.114.003	25	084.206.008	72	084.301.077	44
084.114.004	25	084.206.008G	72	084.301.078	44
084.114.005	26	084.207.003	89	084.301.079	44
084.114.006	27	084.301.001	42	084.302.036	52
084.114.007	24	084.301.002	42	084.302.095	51
084.114.008	24	084.301.003	42	084.302.096	51
084.114.009	26	084.301.004	42	084.302.097	51
084.114.010	31	084.301.005	42	084.302.098	51
084.116.001	15	084.301.006	42	084.302.108	48
084.116.002	15	084.301.007	42	084.302.109	48
084.117.001	19	084.301.008	42	084.302.110	48
084.201.053	35	084.301.009	42	084.302.111	48
084.201.059	36	084.301.010	42	084.302.112	46
084.201.069	31	084.301.011	42	084.302.113	46
084.201.069G	31	084.301.012	42	084.302.114	46
084.201.070	32	084.301.013	42	084.302.115	46
084.201.070G	32	084.301.025	43	084.302.116	46
084.201.076	23 24 31	084.301.026	43	084.302.117	46
084.201.076G	23 24 31	084.301.027	43	084.302.118	46
084.201.077	25 26	084.301.028	43	084.302.119	51
084.201.077G	25 26	084.301.029	43	084.302.120	51
084.201.078	26 27	084.301.030	43	084.302.121	51
084.201.078G	26 27	084.301.031	43	084.302.122	51
084.201.079	35	084.301.032	43	084.302.123	49
084.201.080	15	084.301.033	43	084.302.124	50

COD.	PAG.	COD.	PAG.	COD.	PAG.
084.302.125	50	084.401.001	85	084.500.020	114
084.302.126	49	084.401.002	85	084.501.008	116
084.302.127	47	084.401.003	85	084.501.009	116
084.302.128	47	084.401.004	85	084.502.006	111
084.302.129	47	084.402.001	86	084.503.001	111
084.302.130	47	084.402.002	86	084.503.002	112
084.302.131	48	084.402.003	86	084.503.003	112
084.302.132	48	084.402.004	86	084.504.001	117
084.302.133	48	084.402.005	86	084.504.002	117
084.303.003	54	084.402.006	86	084.504.003	117
084.303.007	54	084.402.008	86	084.505.001	117
084.303.008	55	084.403.001	87	084.505.002	118
084.305.001	73	084.403.002	87	084.505.003	117 118
084.305.002	74	084.403.003	87	084.505.003G	117 118
084.305.006	71	084.403.004	87	084.506.001	118
084.305.007	73	084.404.001	93	084.506.003	120
084.305.009	75	084.404.002	96	084.506.005A	119
084.305.010	72	084.404.003	94	084.506.005B	119
084.305.011	70	084.404.004	96	084.506.005N	119
084.305.016	78	084.404.005	97	084.506.006	123
084.305.018	70	084.404.006	93	084.506.006G	123
084.305.022	76	084.404.007	95	084.506.006PA	124
084.305.024	75	084.404.008	94	084.506.006R	125
084.305.032	71	084.404.009	97	084.506.007G	121
084.305.036	72	084.405.003	79	084.506.007GR	122
084.305.037	77	084.405.005	79	084.506.007N	120
084.305.038	77	084.405.006	80	084.506.007NR	121
084.305.039	78	084.405.027	79	084.506.008	119
084.305.041	74	084.406.001	80	084.507.001	100
084.306.014	59	084.407.007	98	084.509.001	100
084.306.015	59	084.407.009	99	084.509.002	101
084.307.043	60	084.408.002	84	084.509.003	101
084.307.044	60	084.408.003	81	084.510.001	102
084.307.045	61	084.409.004	89	084.510.002	102
084.307.046	61	084.409.005	89	084.510.003	102
084.307.051	62	084.409.006	82	084.510.004	102
084.307.052	65	084.409.007	82	084.510.013	131
084.308.003	69	084.409.008	83	084.510.016	103
084.308.004	69	084.409.009	91	084.512.006	106
084.310.025	66	084.409.013	90	084.512.008	106
084.311.009	67	084.409.014	90	084.512.030	106
084.311.010	67	084.410.006	88	084.512.030G	106
084.311.011	68	084.500.011	115	084.512.040	106
084.312.005	53	084.500.012	115	084.512.040G	106
084.312.006	53	084.500.016	113	084.512.056	106
084.312.007	53	084.500.018	113	084.512.056G	106

COD.	PAG.	COD.	PAG.	COD.	PAG.
084.514.013	105	084.710.004	63		
084.517.001	126	084.818.003	143		
084.518.002	126	084.818.004	144		
084.519.001	127	084.818.005	140		
084.519.002	127	084.818.006	141		
084.519.003	103	084.818.007	141		
084.519.004	104	084.818.008	142		
084.522.001	128	084.818.009	142		
084.522.003	129	084.818.010	143		
084.523.001	129	084.818.014	140		
084.523.002	131	5004A/3170	106		
084.523.003	130	511.011.001B	92		
084.524.001	130	511.011.001G	92		
084.525.001	128	511.011.001R	92		
084.527.001	132	511.011.001V	92		
084.527.002	132	670.001.000	110		
084.527.003	132	DILITE3	108		
084.527.004	132	RETE 11x66	110		
084.527.005	132	RETE 11x66 INOX	110		
084.527.006	132	RETE 40X40X4	110		
084.527.007	132	RETE TEC 1003	110		
084.527.008	132	STR3MM	109		
084.527.009	132	STR4MM	109		
084.527.010	132	STR5MM	109		
084.527.011	132				
084.527.012	132				
084.527.013	132				
084.527.014	132				
084.528.001	133				
084.528.002	133				
084.528.003	134				
084.528.004	134				
084.531.001	137				
084.533.002	138				
084.538.001	107				
084.538.002	107				
084.601.001	135				
084.601.002	135				
084.601.003	136				
084.602.001	136				
084.603.001	137				
084.604.001	139				
084.604.003	139				
084.608.001	138				
084.710.002	63				
084.710.003	64				

as-tec Mechatronik GmbH

A-4840 Vöcklabruck
Linzer Straße 59

t: +43 7672 33033 0
m: office@as-tec.at
w³: www.as-tec.at