

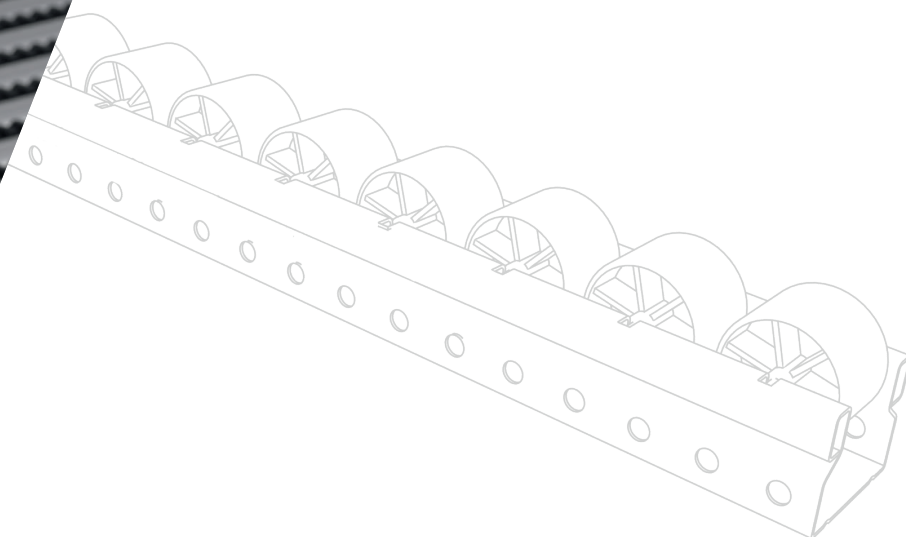
LM_{LINE}

ED. 14



Alusic

LEAN MANUFACTURING



LM_{LINE}



Alusic

LEAN MANUFACTURING

EN

Alusic offers two solutions in order to fulfill the modern requirements as for lean manufacturing. The choice can be made between the traditional solution consisting of steel tubes and external joints and the modular one consisting of aluminium profiles and accessories, line deriving from Alusic's tradition in structural profiles manufacturing. The roller tracks are compatible with both systems. The two solutions contribute to achieve improvement in corporate structure and production.

IT

Alusic propone due tipi di soluzioni per soddisfare le moderne esigenze di lean manufacturing. Possiamo valutare sia la tradizionale soluzione composta da tubi e giunti esterni in acciaio o la soluzione modulare in alluminio composta da profili ed accessori, linea che deriva dalla tradizione Alusic con i profili strutturali. Le rulliere sono compatibili con entrambi i sistemi. Entrambe le soluzioni contribuiscono ad un miglioramento dell'organizzazione aziendale ed ad uno snellimento della produzione.

ES

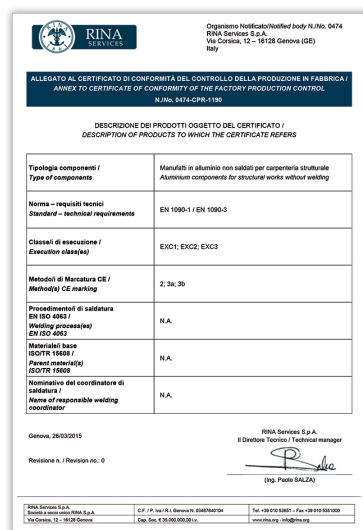
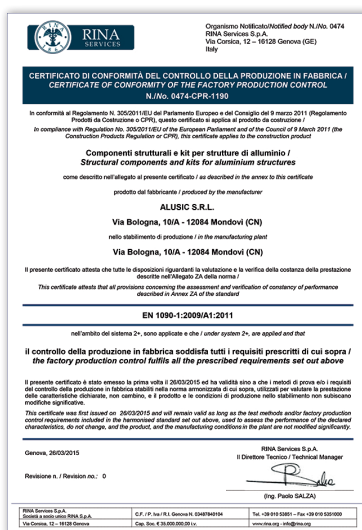
Alusic ofrece dos soluciones para satisfacer las modernas necesidades en el ámbito del lean manufacturing. Podemos evaluar la solución tradicional compuesta por tubos y uniones de acero como la solución modular compuesta por perfiles y accesorios de aluminio; línea que deriva de la tradición de Alusic con los perfiles estructurales. Los transportadores estándar son compatibles con ambos sistemas. Las dos soluciones contribuyen a mejorar la organización empresarial y la producción.

FR

Alusic propose deux solutions pour répondre aux modernes exigences du lean manufacturing. On peut choisir entre la solution traditionnelle composée de tubes et joints externes en acier et la solution modulaire composée de profilés et accessoires en aluminium, ligne qui dérive de l'expérience Alusic dans le secteur des profilés structuraux. Les rails à galets sont compatibles avec les deux systèmes. Les deux solutions permettent une meilleure organisation de l'entreprise et de la production.

DE

Alusic bietet zwei Lösungen an, um die moderne Anforderungen in Bezug auf Lean Manufacturing zu befriedigen. Man kann wählen zwischen der traditionellen Lösung aus Stahl Rohre und Äußere Verbinder und der modularen Lösung aus Aluminium Profile und Zubehör; diese Linie stammt von der Alusic Tradition als Hersteller von Aluprofilen. Die Rollenschienen sind mit beiden Systemen kompatibel. Beide Lösungen verbessern die Unternehmensorganisation und die Produktion.



LEAN MANUFACTURING



ROUNDED PROFILES/ PROFILI ARROTONDATI / PERFILES REDONDEADOS / PROFILÉS ARRONDIS / RUNDPROFILIEN



SYMBOLS / SIMBOLI / SÍMBOLOS / SYMBOLES / SYMBOLE

**Product for series 30 6 AC slot profiles**

Prodotto per profili serie 30 cava 6 AC
 Producto para perfiles con ranura 6 AC serie 30
 Produit pour profilés rainure 6 AC série 30
 Produkt für Profile 6 AC Nut Reihe 30

**Product for series 45 8 AC slot profiles**

Prodotto per profili serie 45 cava 8 AC
 Producto para perfiles con ranura 10 AC serie 8
 Produit pour profilés rainure 10 AC série 8
 Produkt für Profile 10 AC Nut Reihe 8

**Box**

Scatola
 Caja
 Boîte
 Schachtel

**Load**

Portata
 Carga
 Charge
 Tragkraft

STAINLESS STEEL**Stainless steel product**

Prodotto in inox
 Producto de acero inoxidable
 Produit en acier inoxydable
 Produkt aus rostfreiem Stahl

CARBON**Carbon product**

Prodotto in carbonio
 Producto de carbono
 Produit en carbone
 Produkt aus Carbon

ITALIAN PATENT**Patented product**

Prodotto brevettato
 Producto patentado
 Produit breveté
 Patentiertes Produkt

PATENT**NEW****New product**

Prodotto nuovo
 Nuevo producto
 Nouveau produit
 Neues Produkt

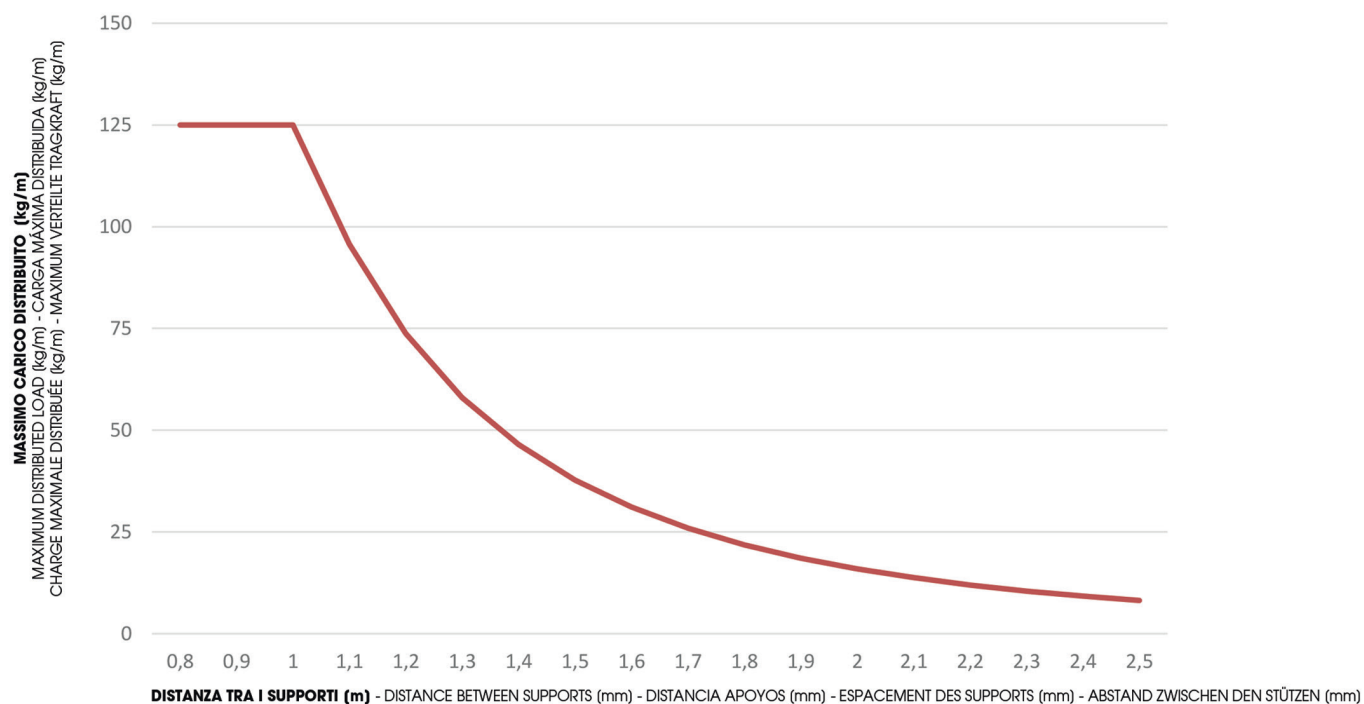
LOAD DIAGRAM OF ROLLER TRACKS ACCORDING TO THE SUPPORT DISTANCE

DIAGRAMMA DI CARICO DELLE RULLIERE IN BASE ALLA DISTANZA DEL SUPPORTO

DIAGRAMA DE CARGA DE LOS TRANSPORTADORES EN FUNCIÓN DE LA DISTANCIA DEL SOPORTE

DIAGRAMME DE CHARGE DES RAIL À GALET EN FONCTION DE LA DISTANCE DU SUPPORT

LASTDIAGRAMM DER ROLLENSCHIENEN AUF GRUNDLAGE DES ABSTANDS DER HALTERUNG





TUBES AND ACCESSORIES FOR GRAVITY SYSTEMS

TUBI E ACCESSORI PER SISTEMI A GRAVITÀ
TUBOS Y ACCESORIOS PARA SISTEMAS POR GRAVEDAD
TUBES ET ACCESSOIRES POUR SYSTÈMES À GRAVITÉ
ROHRE UND ZUBEHÖR FÜR LEAN-REGALSYSTEME

EN

The system processing is designed to supply the operator with the correct quantity of components during their assembly operations. This achieves a reduction in errors and processing times, as well as production improvement.

The system offers the following advantages:

- strong
- easy to assemble
- wide range of possible adjustments
- cost reductions
- reduction in supply times
- improvements to workstations

IT

Il sistema è studiato per avere a bordo linea la scorta necessaria dei componenti utilizzati dall'operatore durante la fase di montaggio favorendo così la riduzione di errori e tempi di lavorazione e il miglioramento della produzione.

Il sistema presenta dunque i seguenti vantaggi:

- robustezza
- facilità di montaggio
- elevata regolazione
- riduzione costi
- riduzione tempi di asservimento
- miglioramento postazioni di lavoro

ES

El sistema ha sido estudiado para disponer en la línea de la provisión necesaria de los componentes utilizados por el operador durante la fase de montaje. De este modo, el operador siempre cuenta con la cantidad adecuada de material y no pierde tiempo abandonando el puesto de trabajo sin necesidad; además, se reducen las posibilidades de error y los tiempos de trabajo, mejorando la producción.

El sistema ofrece las siguientes ventajas:

- robustez
- facilidad de montaje
- gran capacidad de ajuste
- disminución de los costes
- reducción de los tiempos de interconexión
- mejora de los puestos de trabajo

FR

Le système est conçu pour avoir sur la ligne le stock nécessaire de composants utilisés par l'opérateur pendant la phase de montage. Ainsi, l'opérateur dispose toujours de la quantité adéquate de matériel et ne perd pas de temps en devant abandonner son poste de travail lorsque cela n'est pas nécessaire. De cette façon, les possibilités d'erreurs diminuent, tout comme les durées de fabrication, améliorant ainsi la production.

Le système comporte donc les avantages suivants:

- solidité
- facilité de montage
- capacité de réglage élevée
- réduction des coûts
- réduction des durées d'asservissement
- amélioration des postes de travail

DE

Das System wurde konzipiert, damit der Bediener alle erforderlichen Bauteile für die Montagearbeiten direkt neben der Linie zur Verfügung hat. Auf diese Weise verliert er keine Zeit durch unnötiges Verlassen des Arbeitsplatzes. Außerdem mindert das System die Möglichkeit, Fehler zu machen, reduziert die Arbeitszeiten und verbessert damit die Produktion.

Das System bietet folgende Vorteile:

- Robustheit
- Montagefreundlichkeit
- große Verstellmöglichkeit
- Kostenreduzierung
- kürzere Zuführzeiten
- Arbeitsplatzverbesserung

TECHNICAL SPECIFICATIONS

SPECIFICHE TECNICHE / ESPECIFICACIONES TÉCNICAS / CARACTÉRISTIQUES TECHNIQUES / TECHNISCHE SPEZIFIKATIONEN

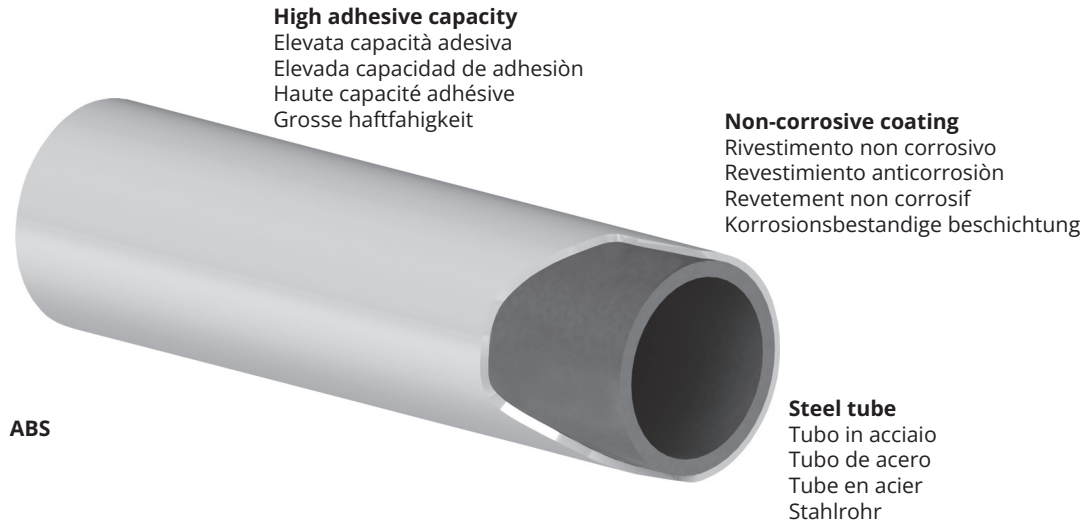
The steel tubes are coated with ABS, a plastic material which is resistant to chemicals, automotive oils and corrosion.

Il tubo d'acciaio è rivestito di ABS, un materiale resistente alle aggressioni chimiche, agli oli utilizzati nell'industria automotive e alla corrosione.

El tubo de acero está revestido con ABS, un material resistente a las agresiones químicas, a los aceites usados en la industria automovilística y a la corrosión.

Le tube en acier est revêtu d'ABS, un matériau résistant aux agressions chimiques, aux huiles utilisées dans l'industrie automobile et à la corrosion.

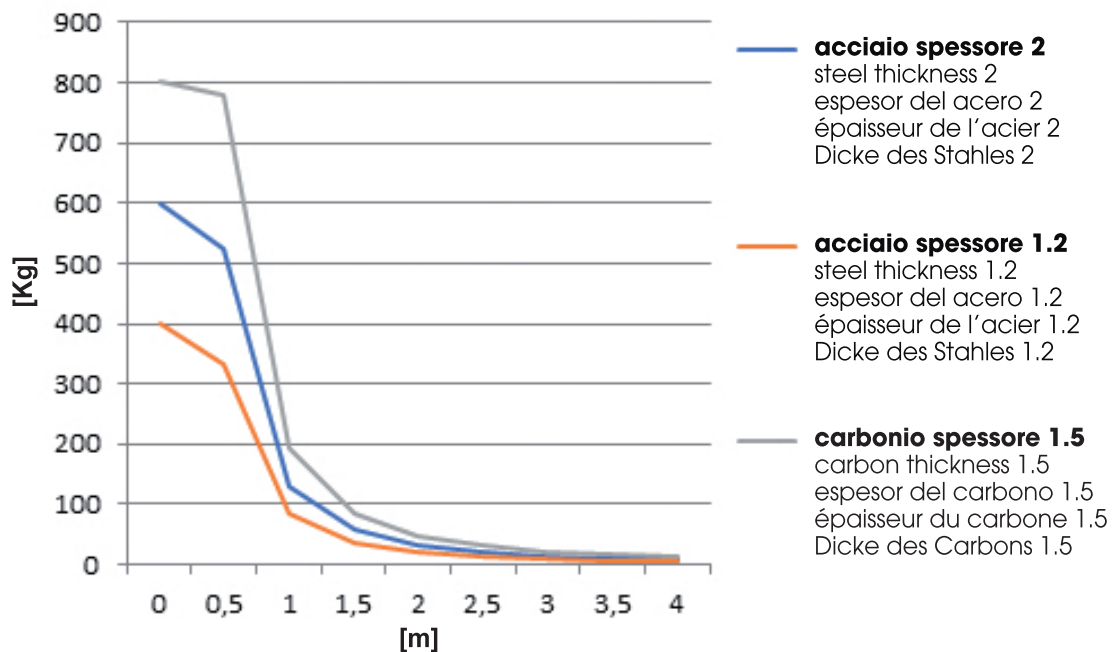
Das Stahlrohr ist ABS-beschichtet, ein gegenüber chemischen Angriffen, Ölen der Automobilindustrie und Korrosion beständiges Material.



LOAD DIAGRAM ACCORDING TO THE SUPPORT DISTANCE

DIAGRAMMA DI CARICO IN BASE ALLA DISTANZA DEL SUPPORTO / DIAGRAMA DE CARGA EN FUNCIÓN DE LA DISTANCIA DEL SOPORTE

DIAGRAMME DE CHARGE EN FONCTION DE LA DISTANCE DU SUPPORT / LASTDIAGRAMM AUF GRUNDLAGE DES ABSTANDS DER HALTERUNG





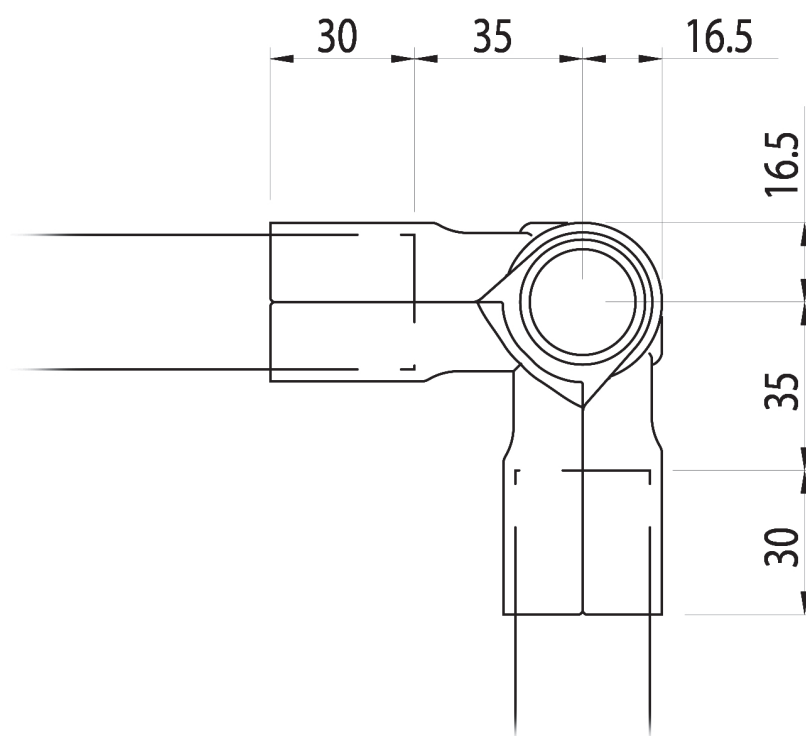
TECHNICAL SPECIFICATIONS

SPECIFICHE TECNICHE / ESPECIFICACIONES TÉCNICAS / CARACTÉRISTIQUES TECHNIQUES / TECHNISCHE SPEZIFIKATIONEN



INSERTION DISTANCES

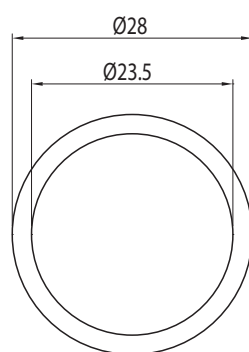
DISTANZE DI INSERIMENTO / DISTANCIAS DE INTRODUCCIÓN / DISTANCES D'INTRODUCTION / EINSATZABSTÄNDE



**STEEL TUBE**

TUBO IN ACCIAIO
TUBO DE ACERO
TUBE EN ACIER
STAHLROHR

Cod	Ix cm ⁴	Iy cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
015.028.001	0.69	0.69	0.53	0.53	85	0.66

**Steel**

Acciaio
Acero
Acier
Sthal

L=4000 mm

White ABS

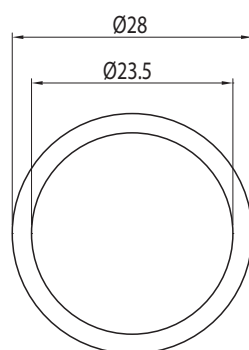
ABS bianco
ABS bianco
ABS blanc
ABS weiß

L=4000 mm

STEEL TUBE

TUBO IN ACCIAIO
TUBO DE ACERO
TUBE EN ACIER
STAHLROHR

Cod	Ix cm ⁴	Iy cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
015.028.001A	0.69	0.69	0.53	0.53	85	0.66

**Steel**

Acciaio
Acero
Acier
Sthal

L=4000 mm

Ivory ABS

ABS avorio
ABS marfil
ABS ivoire
ABS elfenbein

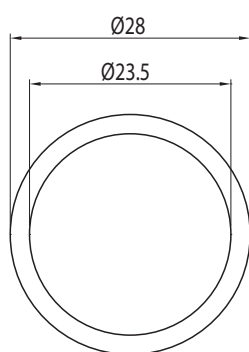
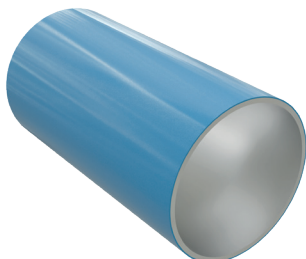
L=4000 mm



STEEL TUBE

TUBO IN ACCIAIO
TUBO DE ACERO
TUBE EN ACIER
STAHLROHR

Cod	Ix cm ⁴	Iy cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
015.028.001B	0.69	0.69	0.53	0.53	85	0.66



Steel

Acciaio
Acero
Acier
Sthal

L=4000 mm

Blue ABS

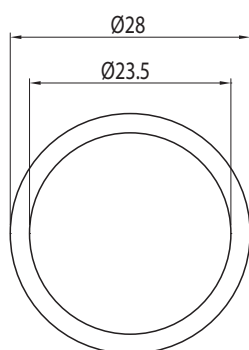
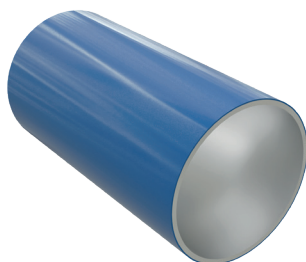
ABS blu
ABS azul
ABS bleu
ABS blau

L=4000 mm

STEEL TUBE

TUBO IN ACCIAIO
TUBO DE ACERO
TUBE EN ACIER
STAHLROHR

Cod	Ix cm ⁴	Iy cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
015.028.001DB	0.69	0.69	0.53	0.53	85	0.66



Steel

Acciaio
Acero
Acier
Sthal

L=4000 mm

Dark blue ABS

ABS blu scuro
ABS azul oscuro
ABS bleu foncé
ABS dunkelblau

L=4000 mm



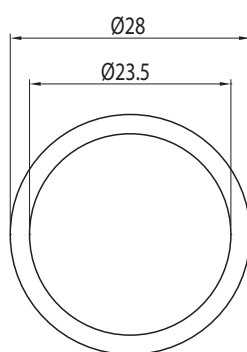
STEEL TUBE
TUBO IN ACCIAIO
TUBO DE ACERO
TUBE EN ACIER
STAHLROHR

Cod	Ix cm ⁴	Iy cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
015.028.001ESD	0.69	0.69	0.53	0.53	85	0.66



Steel
Acciaio
Acero
Acier
Sthal
L=4000 mm

Black ABS
ABS nero
ABS negro
ABS noir
ABS schwarz
L=4000 mm



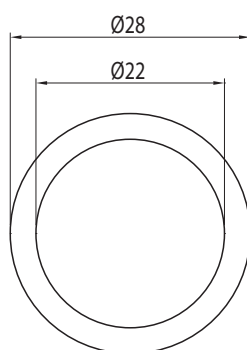
STEEL TUBE
TUBO IN ACCIAIO
TUBO DE ACERO
TUBE EN ACIER
STAHLROHR

Cod	Ix cm ⁴	Iy cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
015.028.002	1,04	1,04	0,81	0,81	148,00	1,14



Steel
Acciaio
Acero
Acier
Sthal
L=4000 mm

White ABS
ABS bianco
ABS blanco
ABS blanc
ABS weiß
L=4000 mm

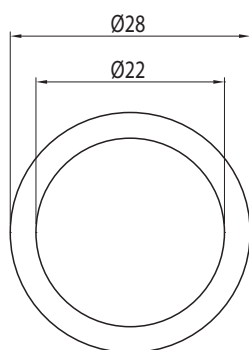




STEEL TUBE

TUBO IN ACCIAIO
TUBO DE ACERO
TUBE EN ACIER
STAHLROHR

Cod	Ix cm ⁴	Iy cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
015.028.002A	1,04	1,04	0,81	0,81	148,00	1,14



Steel

Acciaio
Acero
Acier
Sthal

L=4000 mm

Ivory ABS

ABS avorio
ABS marfil
ABS ivoire
ABS elfenbein

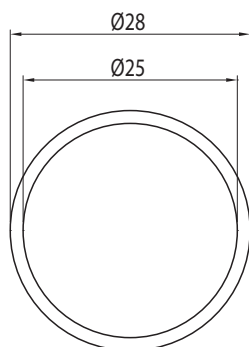
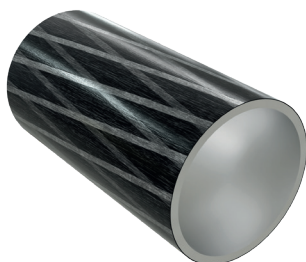
L=4000 mm

CARBON TUBE

TUBO IN CARBONIO
TUBO DE CARBONO
TUBE EN CARBONE
CARBONROHR

CARBON

Cod	Ix cm ⁴	Iy cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
015.028.015C	1,10	1,10	0,79	0,79	124,90	0,20



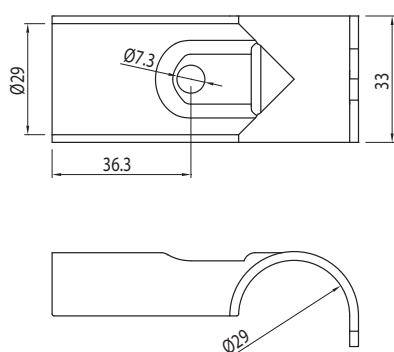
Carbon

Carbonio
Carbono
Carbone
Carbon

L=4000 mm

**90° HALF JOINT**

MEZZO GIUNTO 90°
MEDIA UNIÓN 90°
DEMI-JOINT 90°
VERBINDERHÄLFTE 90°



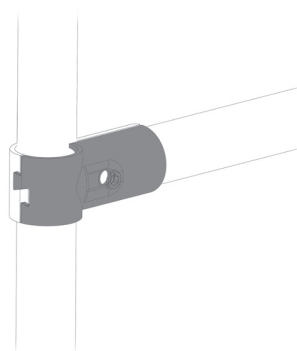
Cod	Note	g
015.100.001	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	65
015.100.001ESD	Nickel-plated - Nichelato - Niquelado - Nickelé - Vernickelt	65

Steel

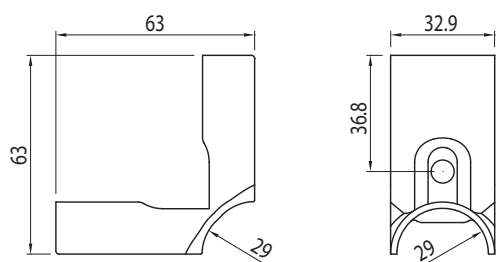
Acciaio
Acero
Acier
Stahl

Supplied without screws

Fornito senza viteria
No incluye tornillería
Fourni sans vis
Ohne Schrauben

**90° INTERNAL JOINT**

GIUNTO INTERNO 90°
UNIÓN INTERIOR 90°
JOINT INTERNE 90°
INNENSEITIGER VERBINDER 90°



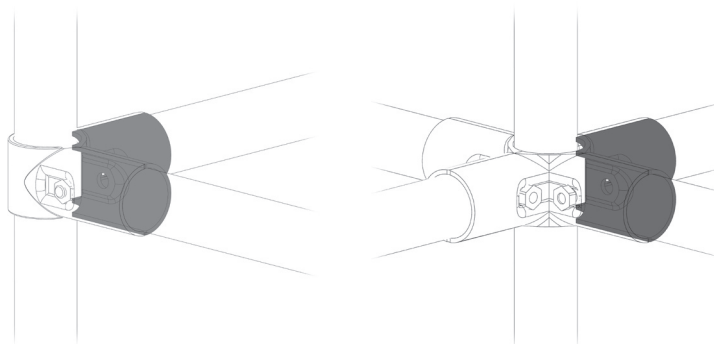
Cod	Note	g
015.100.002	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	80
015.100.002ESD	Nickel-plated - Nichelato - Niquelado - Nickelé - Vernickelt	80

Steel

Acciaio
Acero
Acier
Stahl

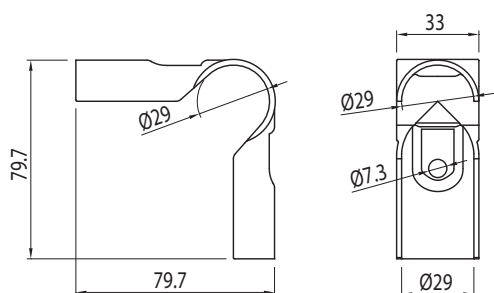
Supplied without screws

Fornito senza viteria
No incluye tornillería
Fourni sans vis
Ohne Schrauben



270° EXTERNAL JOINT

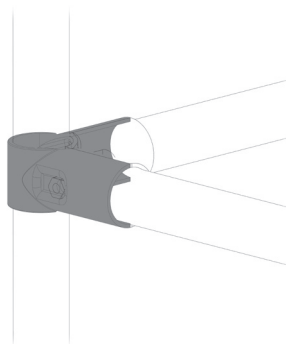
GIUNTO ESTERNO 270°
UNIÓN EXTERIOR 270°
JOINT EXTERNE 270°
AUSSENSEITIGER VERBINDER 270°



Cod	Note	g
015.100.003	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	110
015.100.003ESD	Nickel-plated - Nichelato - Niquelado - Nickelé - Vernickelt	110

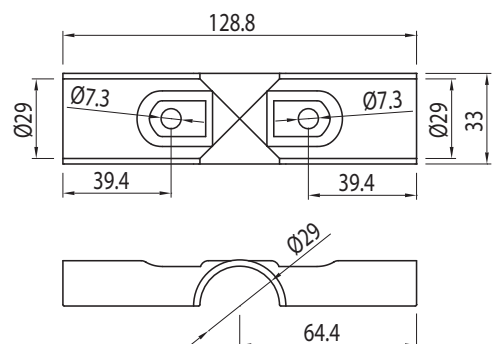
Steel
Acciaio
Acero
Acier
Stahl

Supplied without screws
Fornito senza viteria
No incluye tornillería
Fourni sans vis
Ohne Schrauben



180° HALF JOINT

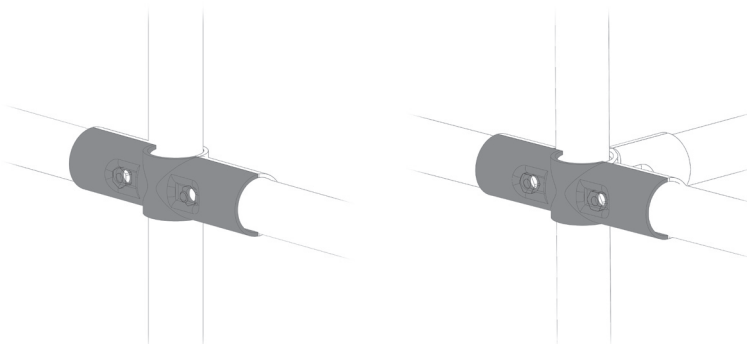
MEZZO GIUNTO 180°
MEDIA UNIÓN 180°
DEMI-JOINT 180°
VERBINDERHÄLFTE 180°



Cod	Note	g
015.100.004	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	100
015.100.004ESD	Nickel-plated - Nichelato - Niquelado - Nickelé - Vernickelt	100

Steel
Acciaio
Acero
Acier
Stahl

Supplied without screws
Fornito senza viteria
No incluye tornillería
Fourni sans vis
Ohne Schrauben



**PERPENDICULAR HALF JOINT**

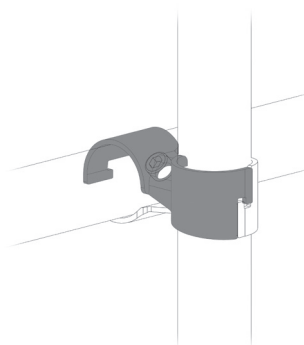
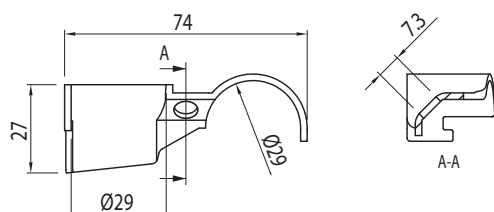
MEZZO GIUNTO PERPENDICOLARE
MEDIA UNIÓN PERPENDICULAR
DEMI-JOINT PERPENDICULAIRE
VERBINDERHÄLFTE KREUZSTÜCK



Cod	Note	g
015.100.006	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	45

Steel
Acciaio
Acero
Acier
Stahl

Supplied without screws
Fornito senza viteria
No incluye tornillería
Fourni sans vis
Ohne Schrauben

**EXTERNAL HALF JOINT FOR ARTICULATION**

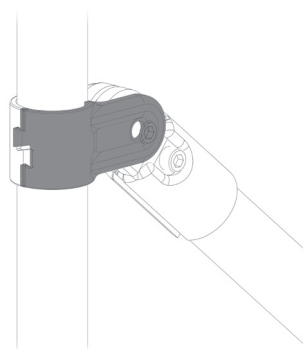
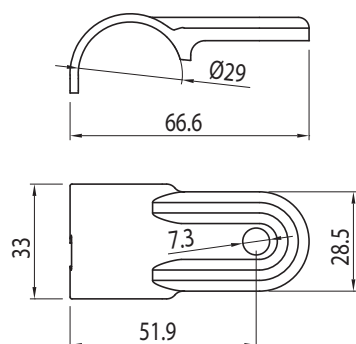
MEZZO GIUNTO ESTERNO PER SNODO
MEDIA UNIÓN EXTERIOR PARA ARTICULACIÓN
DEMI-JOINT EXTERNE POUR JOINT ARTICULÉ
VERBINDERHÄLFTE AUSSENSEITIG FÜR GELENKVERB



Cod	Note	g
015.100.007A	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	50
015.100.007AESD	Nickel-plated - Nichelato - Niquelado - Nickelé - Vernickelt	50

Steel
Acciaio
Acero
Acier
Stahl

Supplied without screws
Fornito senza viteria
No incluye tornillería
Fourni sans vis
Ohne Schrauben



INTERNAL HALF JOINT FOR ARTICULATION

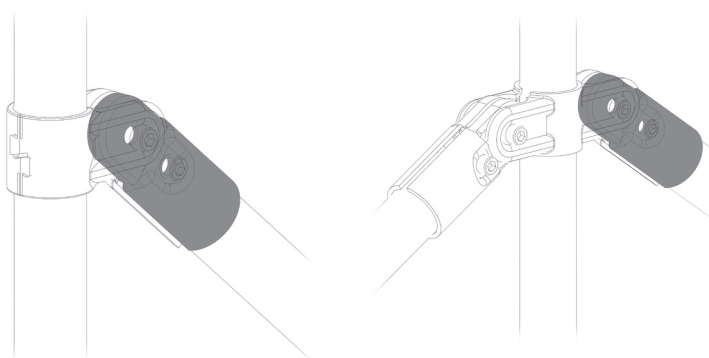
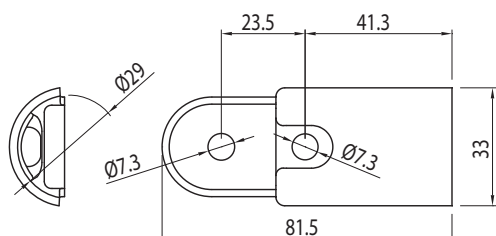
MEZZO GIUNTO INTERNO PER SNODO
MEDIA UNIÓN INTERIOR PARA ARTICULACIÓN
DEMI-JOINT INTERNE POUR JOINT ARTICULÉ
VERBINDERHÄLFTE INNENSEITIG FÜR GELENKVERB



Cod	Note	g
015.100.007B	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	70
015.100.007BESD	Nickel-plated - Nichelato - Niquelado - Nickelé - Vernickelt	70

Steel
Acciaio
Acero
Acier
Stahl

Supplied without screws
Fornito senza viteria
No incluye tornillería
Fourni sans vis
Ohne Schrauben



90° DOUBLE HALF JOINT

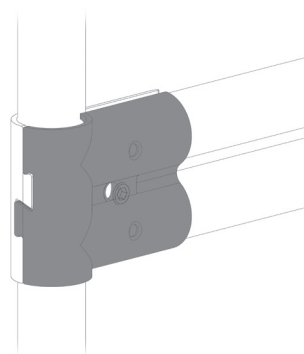
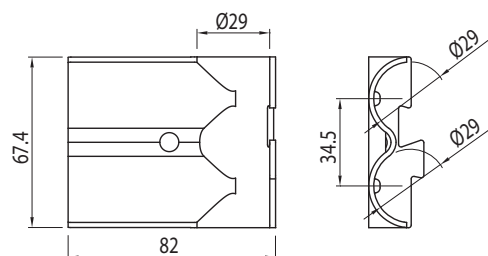
MEZZO GIUNTO 90° DOPPIO
MEDIA UNIÓN 90° DOBLE
DEMI-JOINT 90° DOUBLE
VERBINDERHÄLFTE 90° DOPPELT



Cod	Note	g
015.100.009	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	120

Steel
Acciaio
Acero
Acier
Stahl

Supplied without screws
Fornito senza viteria
No incluye tornillería
Fourni sans vis
Ohne Schrauben



**90° SLIDING HALF JOINT**

MEZZO GIUNTO 90° SCORREVOLE
MEDIA UNIÓN 90° DESLIZANTE
DEMI-JOINT 90° COULISSANT
VERBINDERHÄLFTE 90° GLEITEND

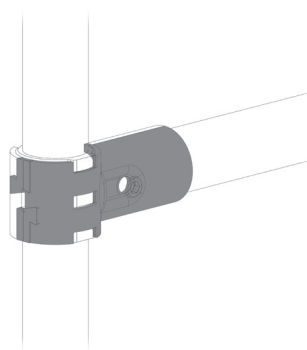
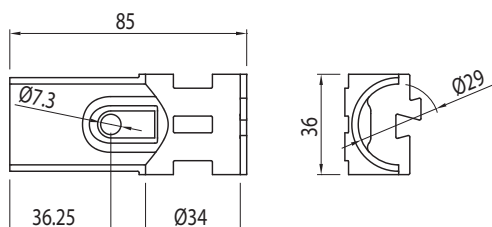
Cod	Note	g
015.100.012	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	80

**Steel**

Acciaio
Acero
Acier
Stahl

Supplied without screws

Fornito senza viteria
No incluye tornillería
Fourni sans vis
Ohne Schrauben

**45° HALF JOINT, RIGHT-HAND**

MEZZO GIUNTO 45° DESTRO
MEDIA UNIÓN 45° DERECHA
DEMI-JOINT 45° DROIT
VERBINDERHÄLFTE 45° RECHTS

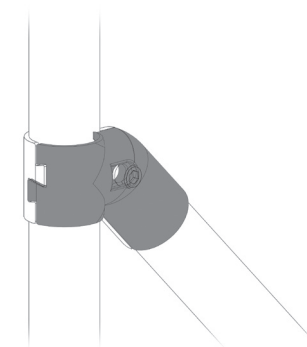
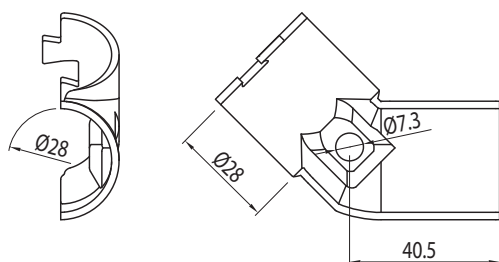
Cod	Note	g
015.100.013A	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	60

**Steel**

Acciaio
Acero
Acier
Stahl

Supplied without screws

Fornito senza viteria
No incluye tornillería
Fourni sans vis
Ohne Schrauben





45° HALF JOINT, LEFT-HAND

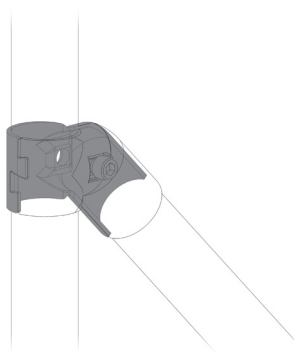
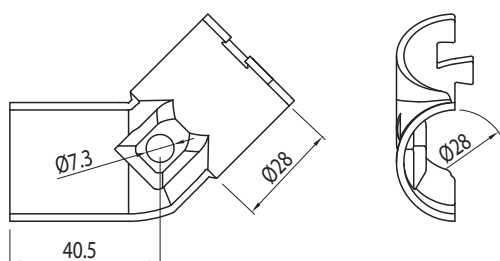
MEZZO GIUNTO 45° SINISTRO
MEDIA UNIÓN 45° IZQUIERDA
DEMI-JOINT 45° GAUCHE
VERBINDERHÄLFTE 45° LINKS

Cod	Note	g
015.100.013B	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	60



Steel
Acciaio
Acero
Acier
Stahl

Supplied without screws
Fornito senza viteria
No incluye tornillería
Fourni sans vis
Ohne Schrauben



HALF JOINT FOR DOUBLE ARTICULATION

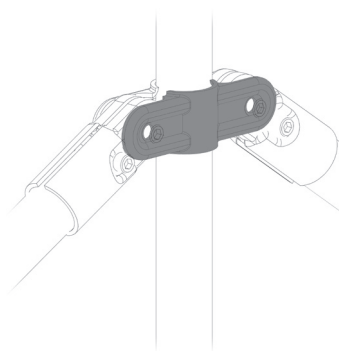
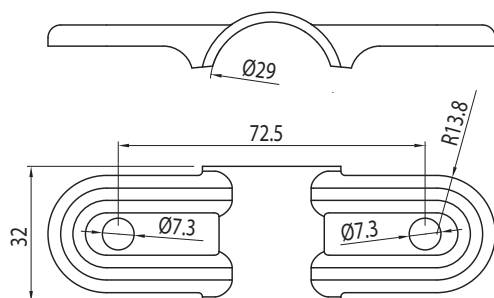
MEZZO GIUNTO PER SNODO DOPPIO
MEDIA UNIÓN PARA ARTICULACIÓN DOBLE
DEMI-JOINT POUR JOINT ARTICULÉ DOUBLE
VERBINDERHÄLFTE FÜR DOPPELGELENKVERB.

Cod	Note	g
015.100.014	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	65



Steel
Acciaio
Acero
Acier
Stahl

Supplied without screws
Fornito senza viteria
No incluye tornillería
Fourni sans vis
Ohne Schrauben



**HALF JOINT, LOWER SHELF SUPPORT**

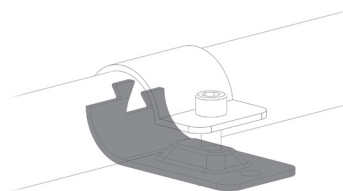
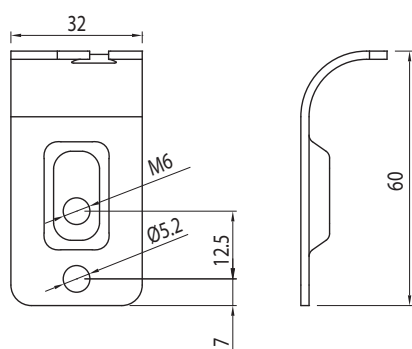
MEZZO GIUNTO PORTA RIPIANI PARTE INFERIORE
 MEDIA UNIÓN PORTA-ESTANTES PARTE INFERIOR
 DEMI-JOINT SUPPORT ÉTAGÈRES PARTIE INFÉRIEURE
 VERBINDERHÄLFTE FACHHALTER UNTEN

Cod	Note	g
015.100.015A	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	40



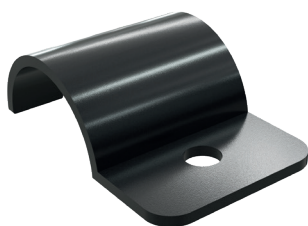
Steel
 Acciaio
 Acero
 Acier
 Stahl

Supplied without screws
 Fornito senza viteria
 No incluye tornillería
 Fourni sans vis
 Ohne Schrauben

**HALF JOINT, UPPER SHELF SUPPORT**

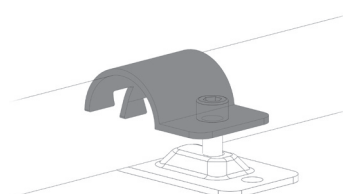
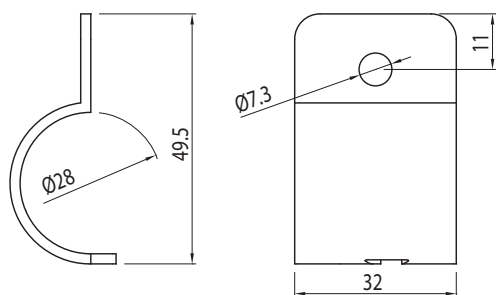
MEZZO GIUNTO PORTA RIPIANI PARTE SUPERIORE
 MEDIA UNIÓN PORTA-ESTANTES PARTE SUPERIOR
 DEMI-JOINT SUPPORT ÉTAGÈRES PARTIE SUPÉRIEURE
 VERBINDERHÄLFTE FACHHALTER OBEN

Cod	Note	g
015.100.015B	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	37



Steel
 Acciaio
 Acero
 Acier
 Stahl

Supplied without screws
 Fornito senza viteria
 No incluye tornillería
 Fourni sans vis
 Ohne Schrauben



HALF JOINT, PARALLEL SLIDING

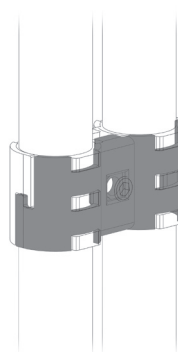
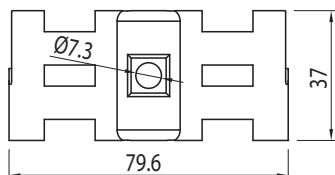
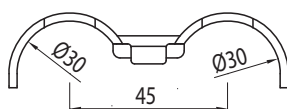
MEZZO GIUNTO PARALLELO SCORREVOLE
MEDIA UNIÓN PARALELA DESLIZANTE
DEMI-JOINT PARALLÈLE COULISSANT
VERBINDERHÄLFTE PARALLEL GLEITEND

Cod	Note	g
015.100.018	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	57



Steel
Acciaio
Acero
Acier
Stahl

Supplied without screws
Fornito senza viteria
No incluye tornillería
Fourni sans vis
Ohne Schrauben



PARALLEL HALF JOINT

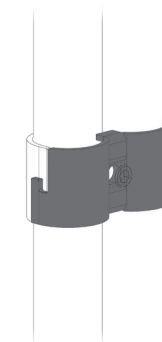
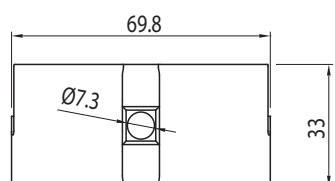
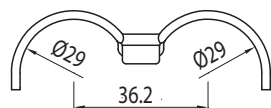
MEZZO GIUNTO PARALLELO
MEDIA UNIÓN PARALELA
DEMI-JOINT PARALLÈLE
VERBINDERHÄLFTE PARALLEL

Cod	Note	g
015.100.028	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	49
015.100.028ESD	Nickel-plated - Nichelato - Niquelado - Nickelé - Vernickelt	49



Steel
Acciaio
Acero
Acier
Stahl

Supplied without screws
Fornito senza viteria
No incluye tornillería
Fourni sans vis
Ohne Schrauben



**45° HALF JOINT**

MEZZO GIUNTO 45°

MEDIA UNIÓN 45°

DEMI-JOINT 45°

VERBINDERHÄLFTE 45°

Cod	Note	g
015.100.045	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	70

**Steel**

Acciaio

Acero

Acier

Stahl

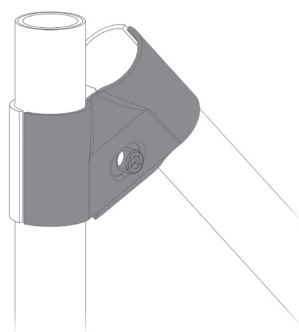
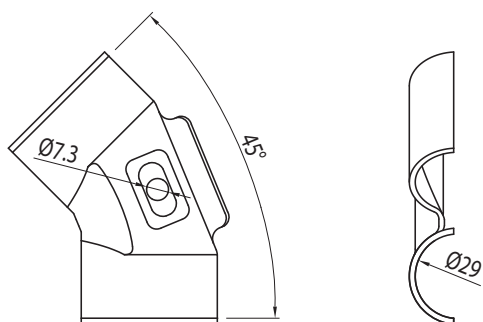
Supplied without screws

Fornito senza viteria

No incluye tornillería

Fourni sans vis

Ohne Schrauben

**90° RADIAL HALF JOINT**

MEZZO GIUNTO 90° RAGGIATO

MEDIA UNIÓN 90° CODO RADIAL

DEMI-JOINT 90° RAYONNÉ

VERBINDERHÄLFTE 90° GEBOGEN

Cod	Note	g
015.100.090	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	100
015.100.090ESD	Nickel-plated - Nichelato - Niquelado - Nickelé - Vernickelt	100

**Steel**

Acciaio

Acero

Acier

Stahl

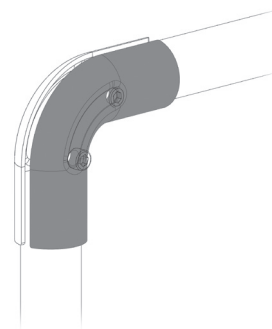
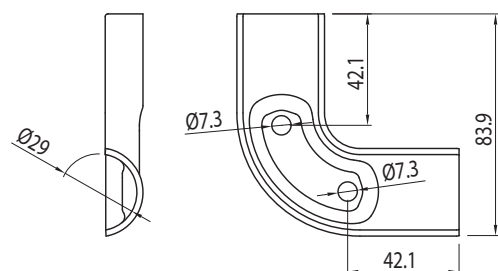
Supplied without screws

Fornito senza viteria

No incluye tornillería

Fourni sans vis

Ohne Schrauben





HALF JOINT TUBE - ALUMINIUM PROFILE

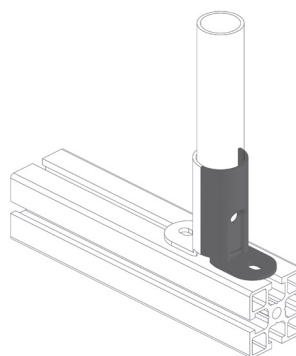
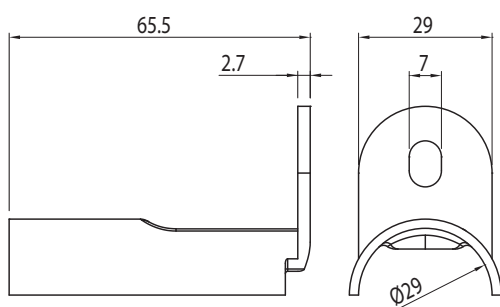
MEZZO GIUNTO TUBO - PROFILO IN ALLUMINIO
MEDIA UNIÓN 90° CODO RADIAL
DEMI-JOINT 90° RAYONNÉ
VERBINDERHÄLFTE 90° GEBOGEN

Cod	Note	g
015.100.016	Black coated - Verniciato nero - Pintado negro - Peint en noir - Schwarz lackiert	55



Steel
Acciaio
Acero
Acier
Stahl

Supplied without screws
Fornito senza viteria
No incluye tornillería
Fourni sans vis
Ohne Schrauben

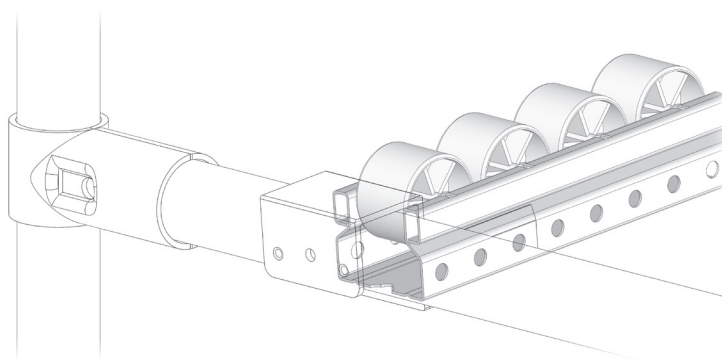
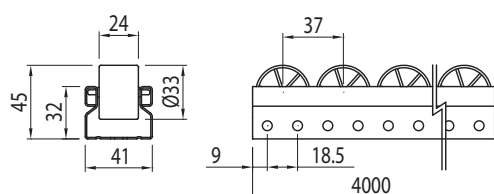
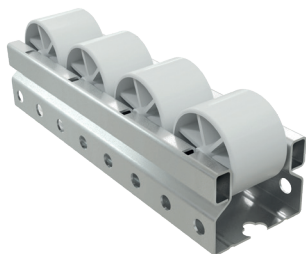




STANDARD ROLLER TRACK, FLAT ROLLERS

RULLIERA STANDARD ROTELLA PIATTA
TRANSPORTADOR ESTÁNDAR, RUEDA PLANA
RAIL À GALET STANDARD ROULETTE PLAT
STANDARD-ROLLENSCHIEN MIT FLACHEN ROLLEN

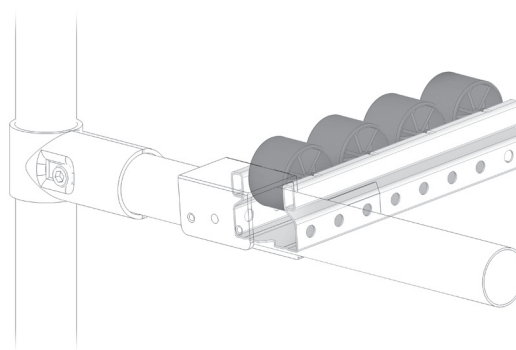
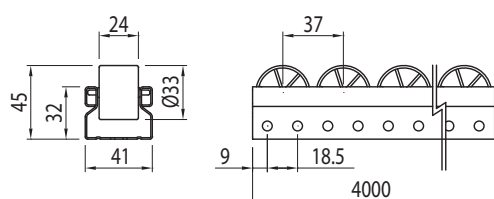
Cod	Note	Kg/m
015.200.006	Ø 34 roller / 4 m bars - Rotella Ø 34 / barre da 4 m - Rueda Ø 34 / Barras de 4 m - Roulette Ø 34 / barres de 4 m - Rolle Ø 34 / 4-m-Bahnen	1,30



STANDARD ROLLER TRACK, FLAT ROLLERS

RULLIERA STANDARD ROTELLA PIATTA
TRANSPORTADOR ESTÁNDAR, RUEDA PLANA
RAIL À GALET STANDARD ROULETTE PLAT
STANDARD-ROLLENSCHIEN MIT FLACHEN ROLLEN

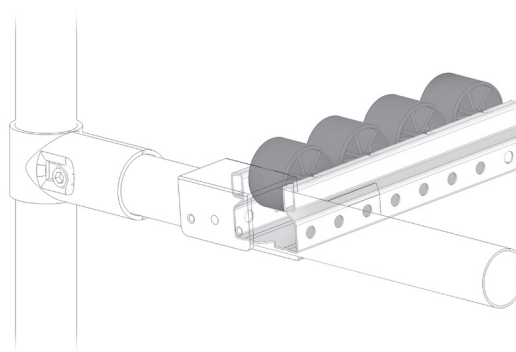
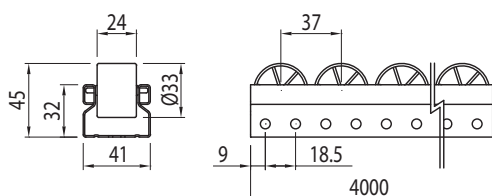
Cod	Note	Kg/m
015.200.017	Ø 34 roller / 4 m bars - Rotella Ø 34 / barre da 4 m - Rueda Ø 34 / Barras de 4 m - Roulette Ø 34 / barres de 4 m - Rolle Ø 34 / 4-m-Bahnen	1,30





STANDARD ESD FLAT ROLLER TRACK

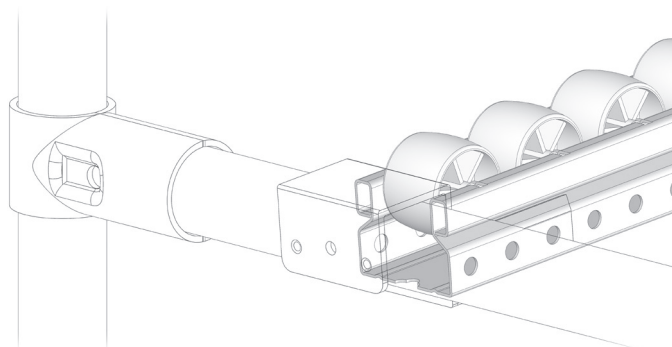
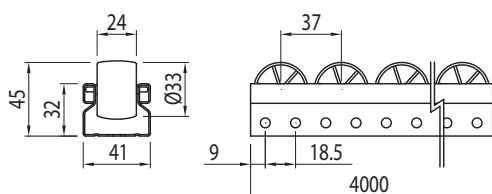
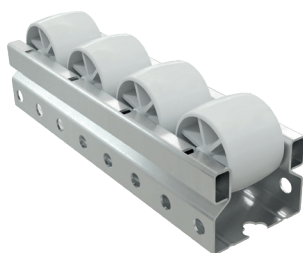
RULLIERA PIATTA STANDARD ESD
TRANSPORTADOR PLANO ESTÁNDAR ESD
RAIL À GALET PLAT STANDARD ESD
FLACHE STANDARD-ROLLENSCHIEN ESD



Cod	Note	Kg/m
015.200.012	ø 34 roller / 4 m bars - Rotella ø34 / barre da 4 m - Rueda ø 34 / Barras de 4 m - Roulette ø 34 / barres de 4 m - Rolle ø 34 / 4-m-Bahnen	1,30

STANDARD ROLLER TRACK, CONVEX ROLLERS

RULLIERA STANDARD ROTELLA BOMBATA
TRANSPORTADOR ESTÁNDAR, RUEDA ABOMBADA
RAIL À GALET STANDARD ROULETTE BOMBÉE
STAND.-ROLLENSCHIEN MIT GEWÖLBTEN ROLLEN

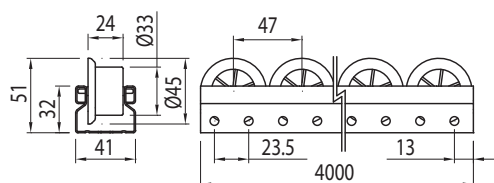
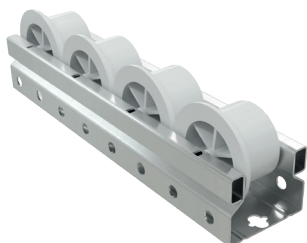


Cod	Note	Kg/m
015.200.011	ø 34 roller / 4m bars - Rotella ø34 / barre da 4m - Rueda ø 34 / Barras de 4m - Roulette ø 34 / barres de 4m - Rolle ø 34 / 4-m-Bahnen	1,30

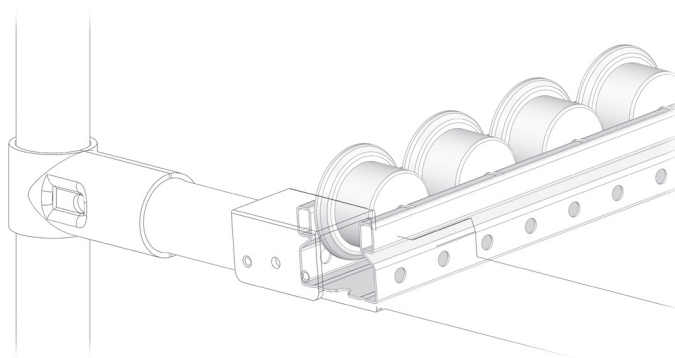


ROLLER TRACK WITH FLANGED ROLLERS

RULLIERA CON SPONDA
TRANSPORTADOR CON GUÍA
RAIL À GALET AVEC BORD
ROLLENSCHIEN MIT WAND

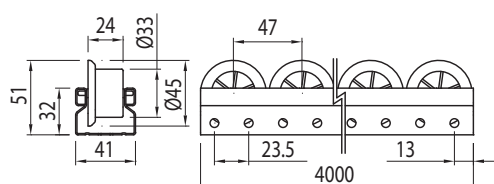


Cod	Note	Kg/m
015.200.007	ø 34 roller with flanged rollers / 4 m bars - Rotella ø 34 con sponda / barre da 4 m - Rueda ø 34 con guía / Barras de 4 m - Roulette ø 34 avec bord / barres de 4 m - Geflanschte Rolle ø 34 / 4-m-Bahnen	1,30

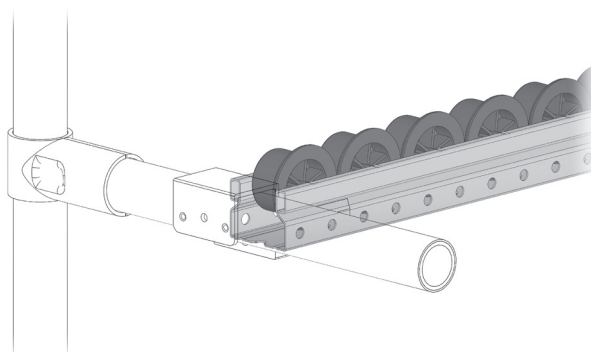


ROLLER TRACK WITH ESD FLANGED ROLLERS

RULLIERA CON SPONDA ESD
TRANSPORTADOR CON GUÍA ESD
RAIL À GALET AVEC BORD ESD
ROLLENSCHIEN MIT WAND ESD



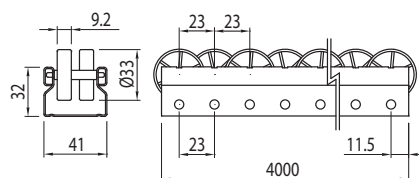
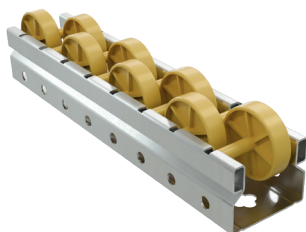
Cod	Note	Kg/m
015.200.013	ø 34 roller with ESD flanged rollers / 4 m bars - Rotella ø 34 con sponda ESD / barre da 4 m - Rueda ø 34 con guía ESD / Barras de 4 m - Roulette ø 34 avec bord ESD / barres de 4 m - Geflanschte ESD-Rolle ø 34 / 4-m-Bahnen	1,30



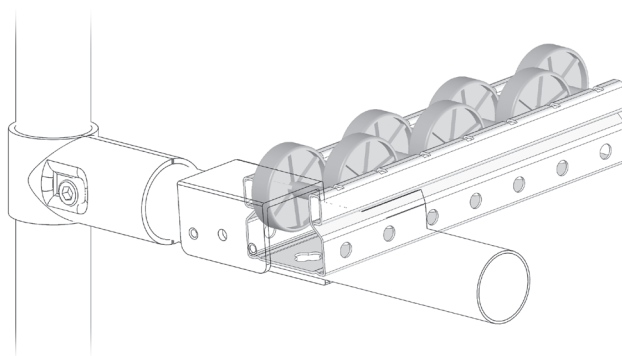


DOUBLE ROLLER TRACK

RULLIERA CON DOPPIA ROTELLA
TRANSPORTADOR CON DOBLE RUEDA
RAIL À GALET AVEC ROULETTE DOUBLE
ROLLENSCHIEN MIT DOPPELROLLEN

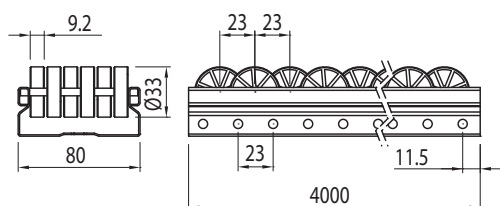


Cod	Note	Kg/m
015.200.008	ø 34 double roller / 4 m bars - Doppia rotella ø34 / barre da 4 m - Doble rueda ø 34 / Barras de 4 m - Double roulette ø 34 / barres de 4 m - Doppelrolle ø 34 / 4-m-Bahnen	1,30

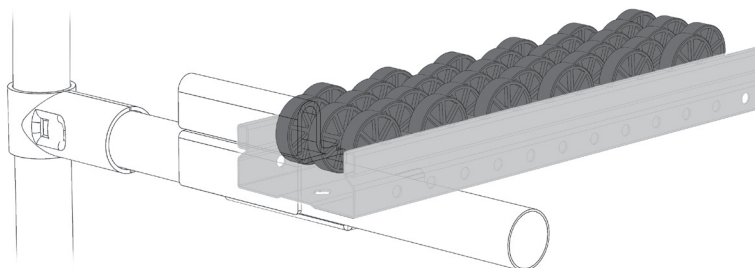


80 MM ROLLER TRACK, 3 ROLLERS

RULLIERA DA 80 TRIPLA ROTELLA
TRANSPORTADOR DE 80 MM, 3 RUEDAS
RAIL À GALET DE 80 MM, 3 ROULETTES
ROLLENSCHIEN 80 MM MIT 3 ROLLEN



Cod	Note	Kg/m
015.200.014	3 rollers ø80 - Tripla rotella ø80 - 3 ruedas ø80 - 3 roulettes ø80 - 3 Rollen ø80	2,3

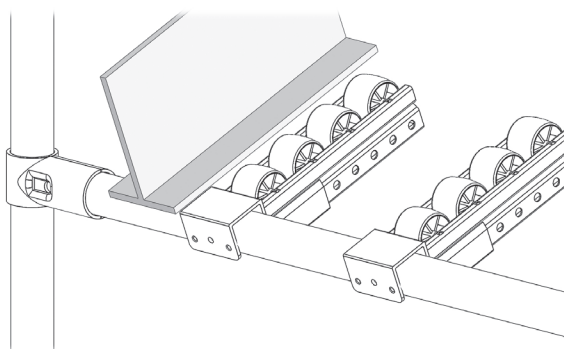
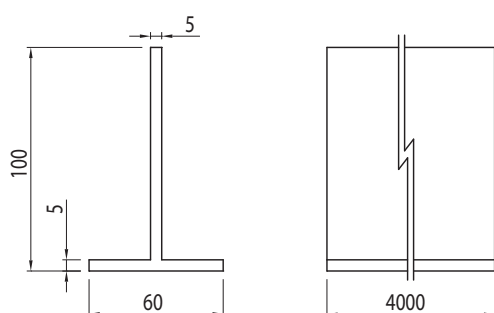
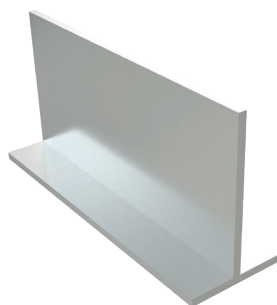




CENTRAL PLASTIC PROFILE

SPONDA CENTRALE
GUÍA CENTRAL
BORD CENTRAL
MITTELWAND

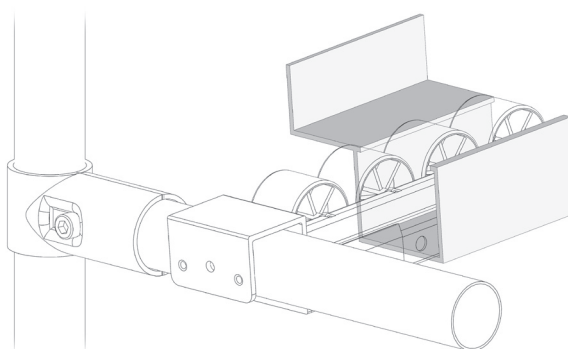
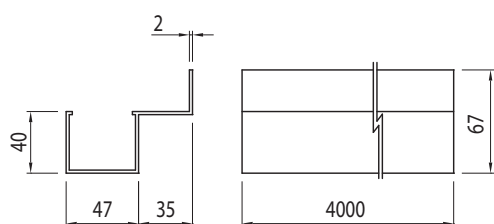
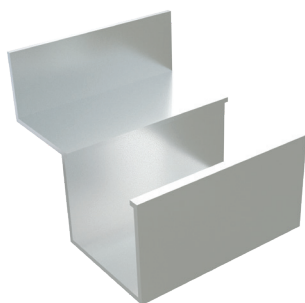
Cod	Note	Kg/m
015.200.009	4 m bars - barre da 4 m - barras de 4 m - barres de 4 m - 4-m-Bahnen	0,75



SIDE PLASTIC PROFILE

SPONDA LATERALE
GUÍA LATERAL
BORD LATÉRAL
SEITENWAND

Cod	Note	Kg/m
015.200.010	4 m bars - Barre da 4 m - Barras de 4 m - Barres de 4 m - 4-m-Bahnen	0,70

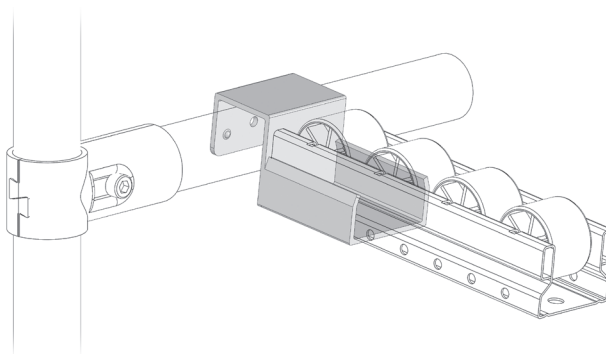
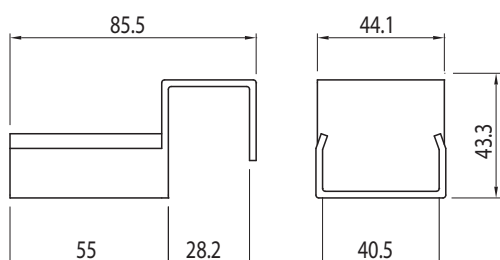




STANDARD ROLLER MOUNTING BRACKET

SUPPORTO GUIDA STANDARD
SOPORTE GUÍA ESTÁNDAR
SUPPORT GUIDE STANDARD
STANDARD-SCHIENENTRÄGER

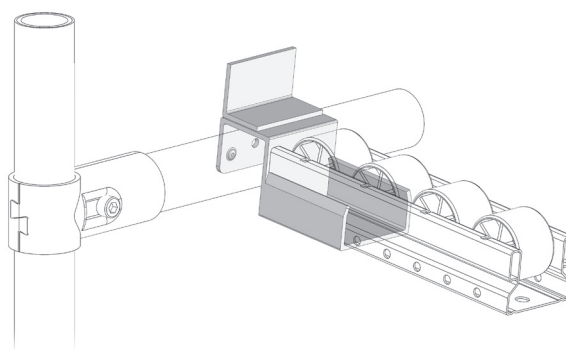
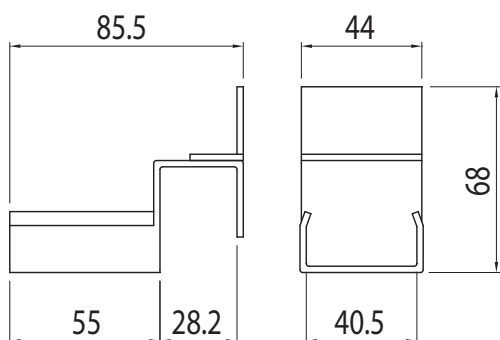
Cod	Note	g
015.200.001	Bracket without stop - Supporto senza fermo - Soporte sin tope - Support sans arrêt - Träger ohne Sperre	140



ROLLER MOUNTING BRACKET WITH STOP

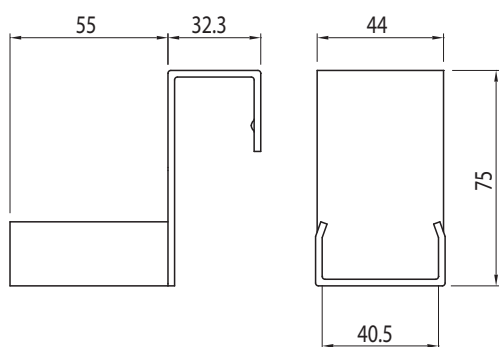
SUPPORTO GUIDA CON FERMO
SOPORTE GUÍA CON RETÉN
SUPPORT GUIDE AVEC ARRÊT
SCHIENENTRÄGER MIT SPERRE

Cod	Note	g
015.200.002	Bracket with stop - Supporto con fermo - Soporte con tope - Support avec arrêt - Träger mit Sperre	170

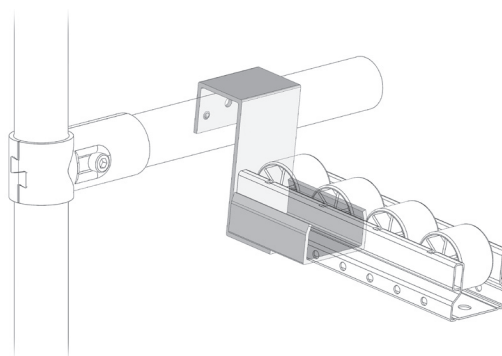


**ROLLER MOUNTING BRACKET WITH STOP**

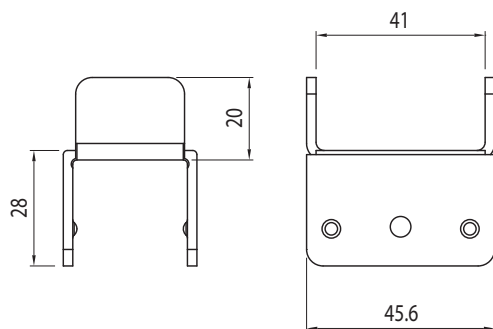
SUPPORTO GUIDA CON FERMO
SOPORTE GUÍA CON RETÉN
SUPPORT GUIDE AVEC ARRÊT
SCHIENENTRÄGER MIT SPERRE



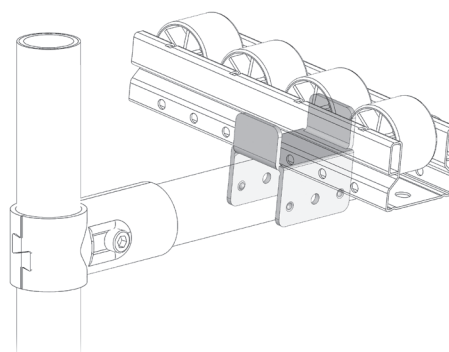
Cod	Note	g
015.200.003	Bracket with stop and increased angle - Supporto con fermo a pendenza maggiorata - Soporte con retén con pendiente aumentada - Support avec arrêt à pente accrue - Träger mit Sperre und verstärkter Neigung	200

**HALF BRIDGE FOR JOINTS**

MEZZO PONTE PER GIUNZIONE
MEDIO PUENTE PARA UNIÓN
DEMI-PONT POUR JONCTION
BRÜCKENHÄLFTE FÜR VERBINDUNG



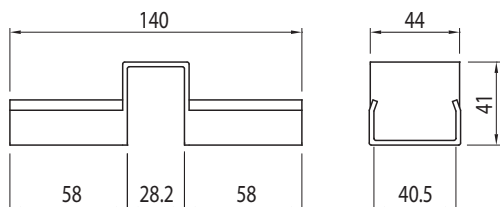
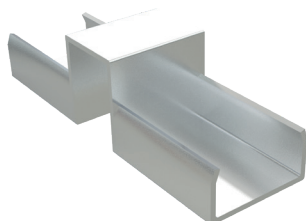
Cod	Note	g
015.200.004	For intermediate support - Per sostegno intermedio - Para apoyo intermedio - Pour support intermédiaire - Zur Unterstützung der Verbindungsstelle	80



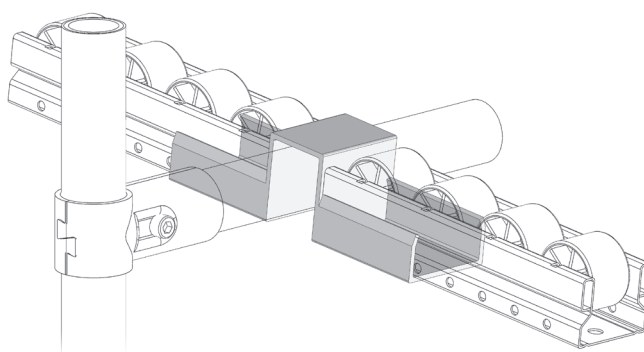


BRIDGE

PONTE
PUENTE
PONT
BRÜCKE

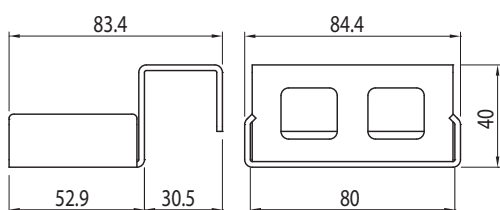


Cod	Note	g
015.200.005	For intermediate support - Per sostegno intermedio - Para apoyo intermedio - Pour support intermédiaire - Zur Unterstützung der Verbindungsstelle	220

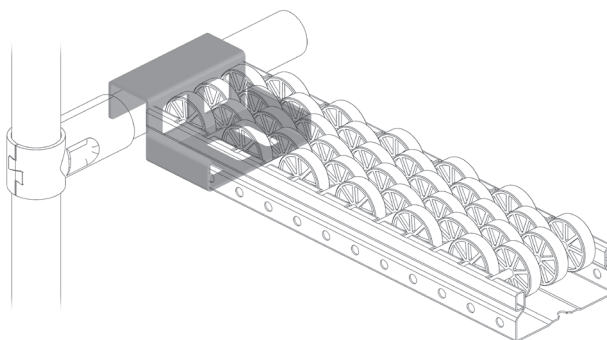


80 STANDARD ROLLER MOUNTING BRACKET

SUPPORTO GUIDA 80 STANDARD
SOPORTE GUÍA 80 ESTÁNDAR
SUPPORT GUIDE STANDARD 80
STANDARD 80 SCHIENENTRÄGER



Cod	Note	g
015.200.015	Bracket without stop - Supporto senza fermo - Soporte sin tope - Support sans arrêt - Träger ohne Sperre	140

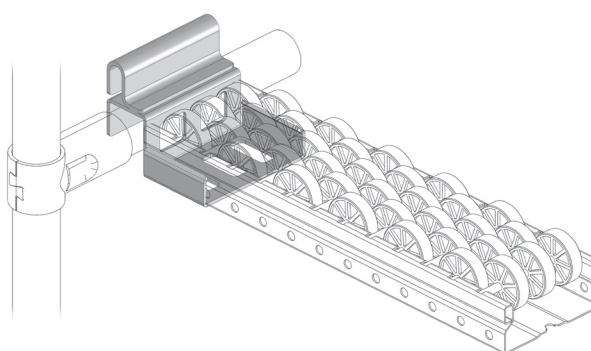
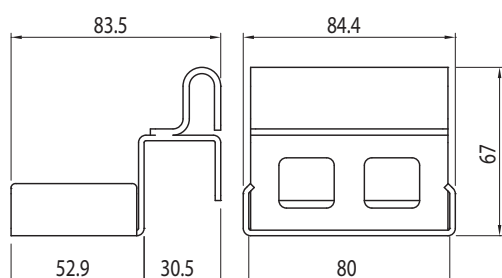




80 ROLLER MOUNTING BRACKET WITH STOP

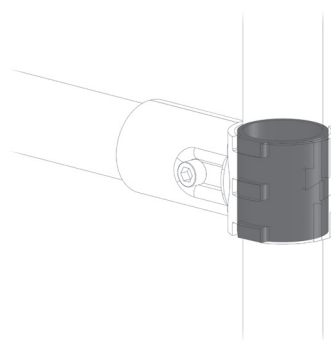
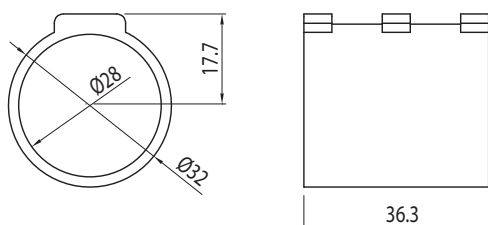
SUPPORTO GUIDA 80 CON FERMO
SOPORTE GUÍA CON RETÉN
SUPPORT GUIDE AVEC ARRÊT
80 SCHIENENTRÄGER MIT SPERRE

Cod	Note	g
015.200.016	Bracket with stop - Supporto con fermo - Soporte con tope - Support avec arrêt - Träger mit Sperre	170



JOINT SLIDING DEVICE

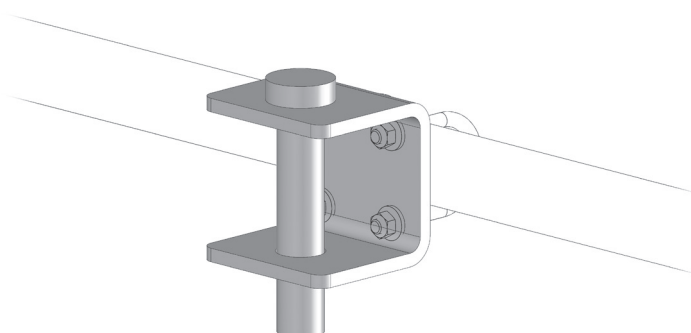
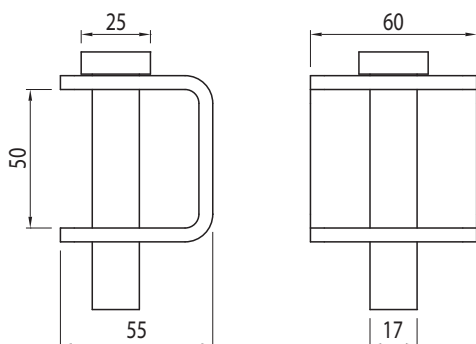
INSERTO PER MOVIMENTAZIONE GIUNTI
INSERTO PARA DESPLAZAMIENTO UNIONES
INSERT POUR DÉPLACEMENT JOINTS
INNENTEIL FÜR VERBINDERBEWEGUNG



Cod	Note	g
015.300.001	Plastic sliding joint device - Inserto in plastica per movimentazione giunti - Inserto de plástico para el desplazamiento de los empalmes - Insert en plastique pour déplacement joints - Innenteil aus Plastik für Verbinderbewegung	7

HAUL RING SUPPORT

AGGANCIO TIMONE
ENGANCHE TIMÓN
ACCROCHAGE TIMON
HAKEN FÜR ZUGBOLZEN



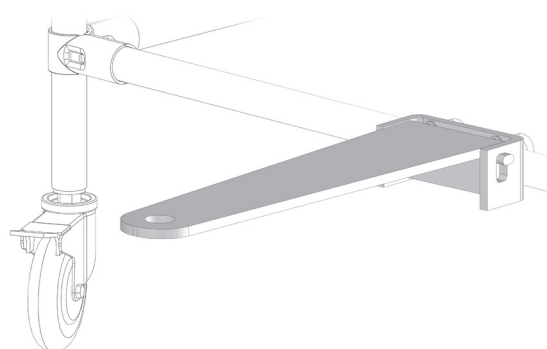
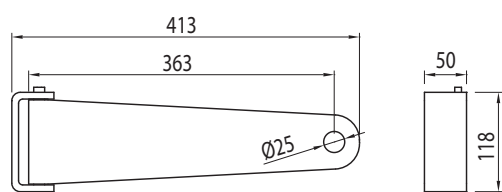
Cod	Note	g
015.300.002	Use in conjunction with 015.300.003 - Da abbinare a 015.300.003 - Combinar con 015.300.003 - À associer à 015.300.003 - Zu kombinieren mit 015.300.003	1220



HAUL RING

TIMONE
TIMÓN
TIMON
ZUGBOLZEN

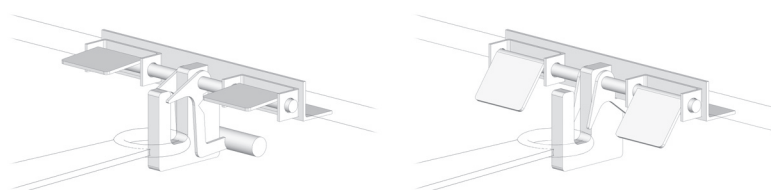
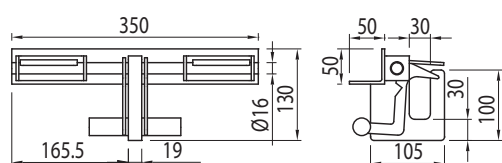
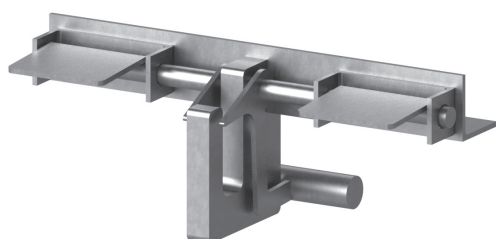
Cod	Note	g
015.300.003	Use in conjunction with 015.300.002 - Da abbinare a 015.300.002 - Combinar con 015.300.002 - À associer à 015.300.002 - Zu kombinieren mit 015.300.002	2680



HAUL RING SUPPORT

AGGANCIO TIMONE
ENGANCHE TIMÓN
ACCROCHAGE TIMON
HAKEN FÜR ZUGBOLZEN

Cod	Note	g
015.300.016	Use in conjunction with 015.300.017 - Da abbinare a 015.300.017 - Combinar con 015.300.017 - À associer à 015.300.017 - Zu kombinieren mit 015.300.017	4400

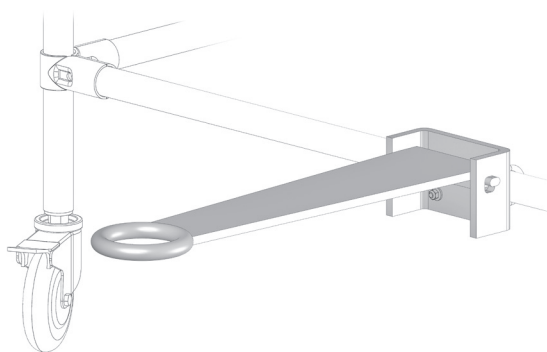
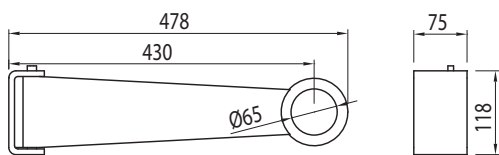




HAUL RING

TIMONE
TIMÓN
TIMON
ZUGBOLZEN

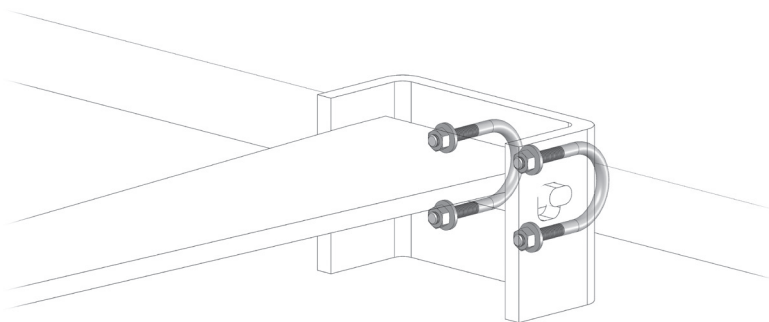
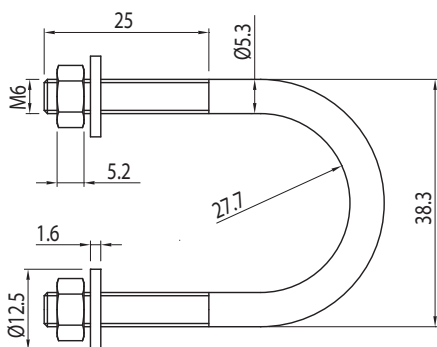
Cod	Note	g
015.300.017	Use in conjunction with 015.300.016 - Da abbinare a 015.300.016 - Combinar con 015.300.016 - À associer à 015.300.016 - Zu kombinieren mit 015.300.016	3270



U-BOLT

U-BOLT
PERNO DE HORQUILLA
ÉTRIER
U-BOLT

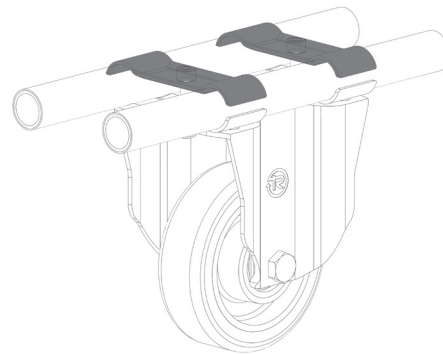
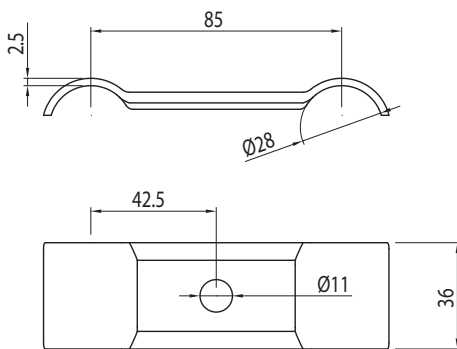
Cod	Note	g
015.300.019	For haul ring fastening - Per fissaggio timone - Para la fijación del timón - Pour fixation timon - Für Zugbolzenbefestigung	26



**UPPER CASTER FASTENING PLATE**

PIASTRA SUPERIORE PER MONTAGGIO RUOTE
 PLETINA SUPERIOR PARA MONTAJE RUEDAS
 PLAQUE SUPÉRIEURE POUR MONTAGE ROUES
 RADMONTAGEPLATTE OBEN

Cod	Note	g
015.300.004	For caster fastening - Per fissaggio ruote - Para la fijación de ruedas - Pour fixation roues - Für die Radbefestigung	110

**LOWER CASTER FASTENING PLATE**

PIASTRA INFERIORE PER MONTAGGIO RUOTE
 PLETINA INFERIOR PARA MONTAJE RUEDAS
 PLAQUE INFÉRIEURE POUR MONTAGE ROUES
 RADMONTAGEPLATTE UNTEN

Cod	Note	g
015.300.005	For caster fastening - Per fissaggio ruote - Para la fijación de ruedas - Pour fixation roues - Für die Radbefestigung	110

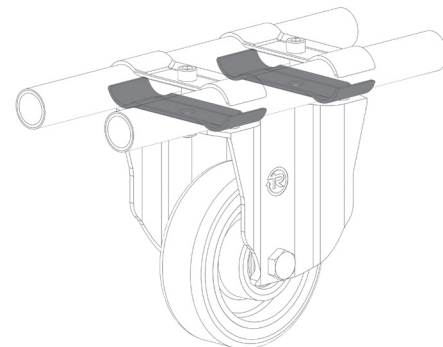
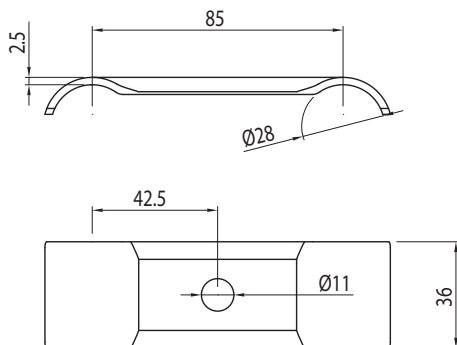
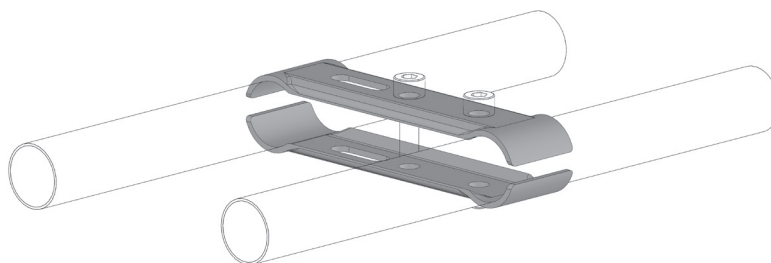
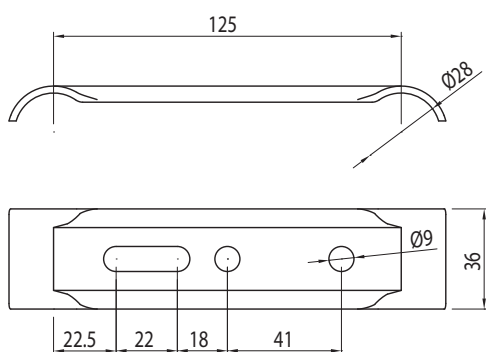




PLATE FOR CASTERS

PIASTRA PER RUOTE
PLETINA PARA RUEDAS
PLAQUE POUR ROUES
RADECKPLATTE RECHTS

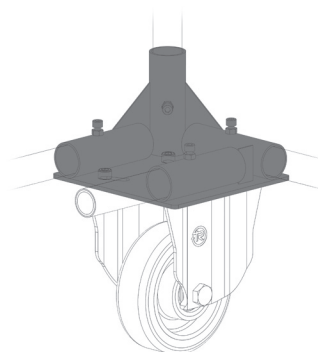
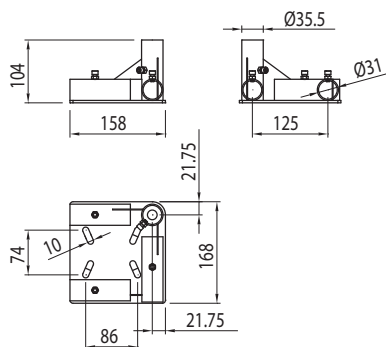
Cod	Note	g
015.300.020	For caster fastening - Per fissaggio ruote - Para la fijación de ruedas - Pour fixation roues - Für die Radbefestigung	110



LEFT ANGULAR PLATE FOR CASTERS

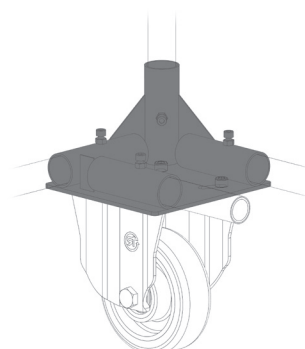
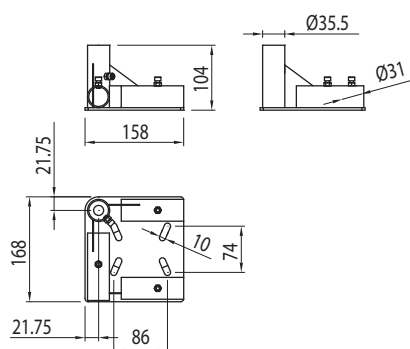
PIASTRA ANGOLARE SINISTRA PER RUOTE
PLETINA ANGULAR IZQUIERDA PARA RUEDAS
PLAQUE ANGULAIRE GAUCHE POUR ROUES
RADECKPLATTE LINKS

Cod	Note	g
015.300.007	For connecting tubes and casters - Unisce i tubi e permette giunzione delle ruote - Permite unir los tubos y fijar las ruedas - Unit les tubes et permet la jonction des roues - Verbindet die Rohre und ermöglicht die Verbindung der Räder	1280



**RIGHT ANGULAR PLATE FOR CASTERS**

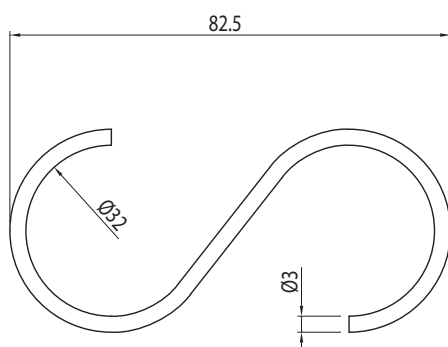
PIASTRA ANGOLARE DESTRA PER RUOTE
 PLETINA ANGULAR DERECHA PARA RUEDAS
 PLAQUE ANGULAIRE DROITE POUR ROUES
 RADECKPLATTE RECHTS



Cod	Note	g
015.300.006	For connecting tubes and casters - Unisce i tubi e permette giunzione delle ruote - Permite unir los tubos y fijar las ruedas - Unit les tubes et permet la jonction des roues - Verbindet die Rohre und ermöglicht die Verbindung der Räder	1280

HOOK

GANCIO
 GANCHO
 CROCHET
 HAKEN

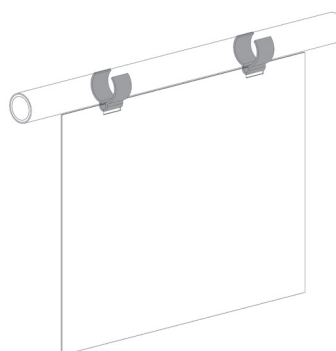
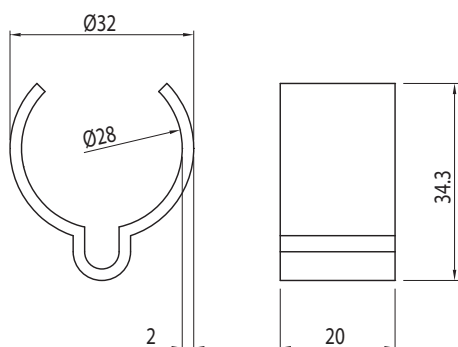
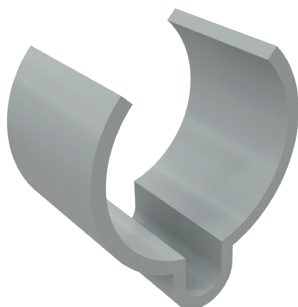


Cod	Note	g
015.300.018	For supporting equipment - Per supporto attrezzi - Para colgar herramientas - Pour support outils - Als Werkzeughalterung	2



NAME PLATE CLIP

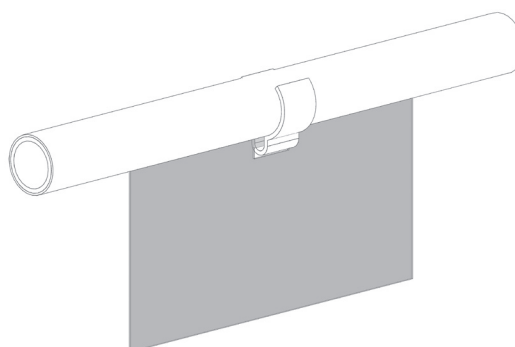
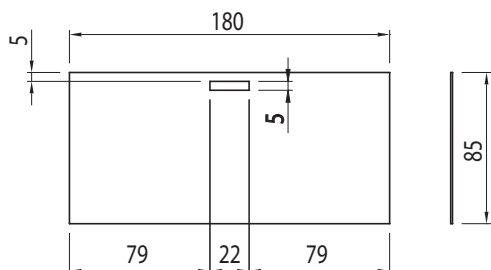
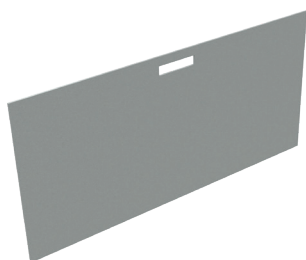
ANELLO PORTA ETICHETTE
ANILLO PORTA-ETIQUETAS
BAGUE PORTE-ÉTIQUETTE
RING FÜR ETIKETTENHALTER



Cod	Note	g
015.300.011	Name plate support - Per sostegno porta etichette - Para la fijación de los porta-etiquetas - Pour support porte-étiquette - Zur Befestigung des Etikettenhalters	5

NAME PLATE, 180 X 85

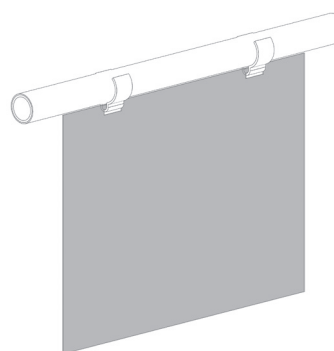
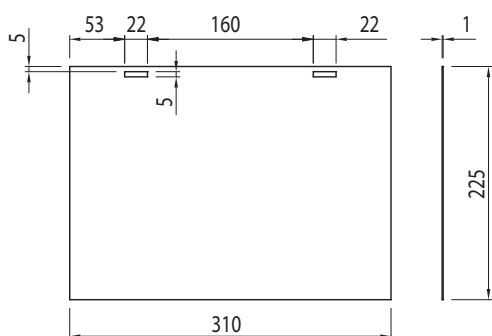
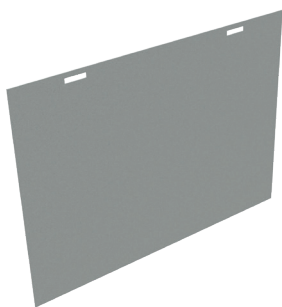
PORTA ETICHETTE 180 X 85
PORTA-ETIQUETAS 180 X 85
PORTE-ÉTIQUETTE 180 X 85
ETIKETTENHALTER 180 X 85



Cod	Note	g
015.300.009	For product identification - Per identificazione prodotti - Para la identificación de productos - Pour identification produits - Zur Produktidentifizierung	12

**NAME PLATE, 310 X 225**

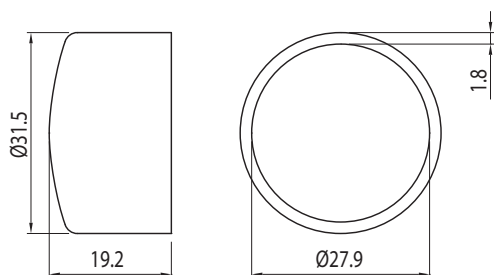
PORTA ETICHETTE 310 X 225
 PORTA-ETIQUETAS 310 X 225
 PORTE-ÉTIQUETTE 310 X 225
 ETIKETTENHALTER 310 X 225



Cod	Note	g
015.300.010	For product identification - Per identificazione prodotti - Para la identificación de productos - Pour identifica- tion produits - Zur Produktidentifizierung	12

RUBBER FOOT

PIEDINO IN GOMMA
 CONTERA DE GOMA
 PIED EN CAOUTCHOUC
 GUMMIFUSS

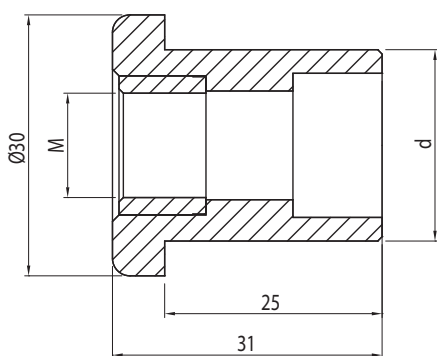


Cod	Note	g
015.300.008	Knurled rubber foot - Piede in gomma zigrinata - Con- tera de goma moleteada - Pied en caoutchouc crénelé - Gerändelter Gummifuß	35

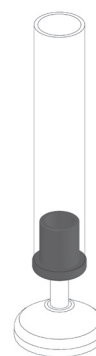


TUBE END CAP

TAPPO PER TUBO
TAPÓN PARA TUBO
BOUCHON POUR TUBE
ROHRENDKAPPE

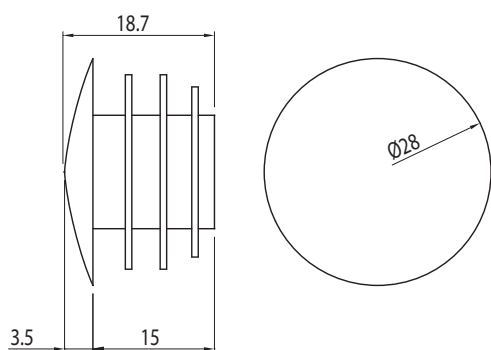


Cod	Note	g
015.300.021	M8 - d=22	22
015.300.022	M12 - d=22	17
015.300.023	M8 - d=23,5	23
015.300.024	M12 - d=23,5	18

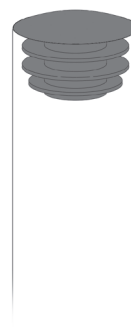


TUBE END CAP

TAPPO PER TUBO
TAPÓN PARA TUBO
BOUCHON POUR TUBE
ROHRENDKAPPE



Cod	Note	g
015.300.012	Tube end cap - Terminale di chiusura per tubi - Terminal de cierre para tubos - Bouchon de fermeture pour tubes - Verschlusskappe für Rohre	8

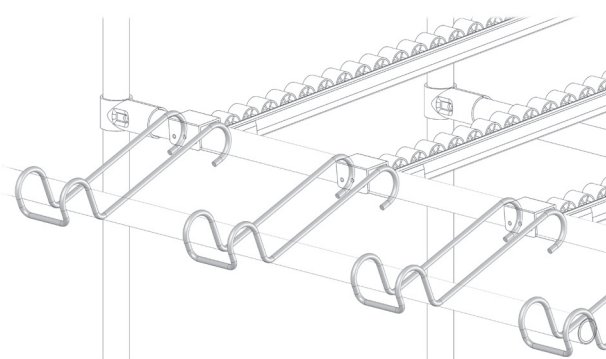
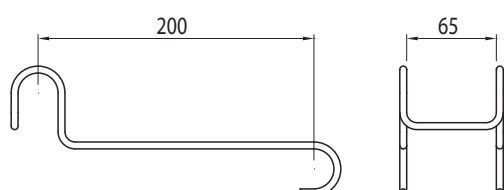




WIRE CHUTE

SCIVOLO
TOBOGÁN
TOBOGGAN
RUTSCHE

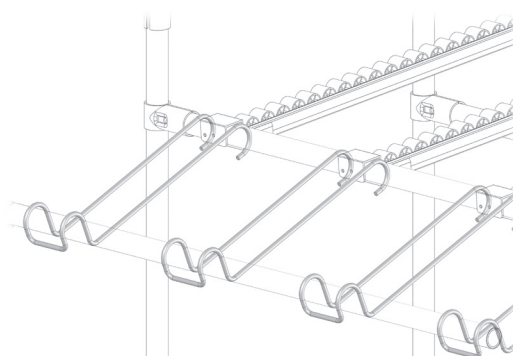
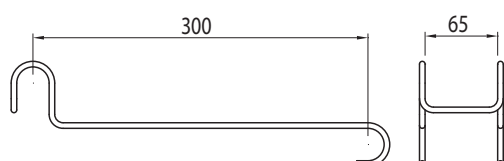
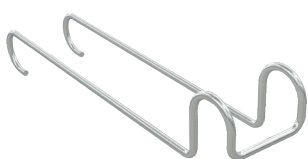
Cod	Note	g
015.300.013	For product build-up - Per accumulo prodotti - Para acumulación de productos - Pour accumulation produits - Für Produktansammlung	182



WIRE CHUTE

SCIVOLO
TOBOGÁN
TOBOGGAN
RUTSCHE

Cod	Note	g
015.300.014	For product build-up - Per accumulo prodotti - Para acumulación de productos - Pour accumulation produits - Für Produktansammlung	230

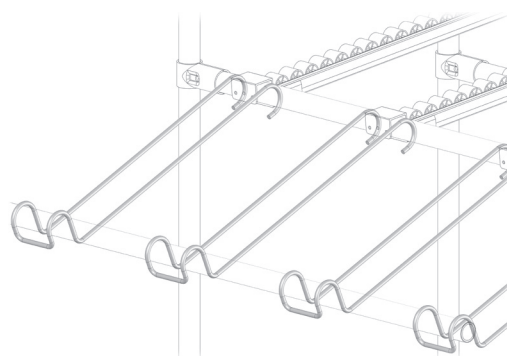
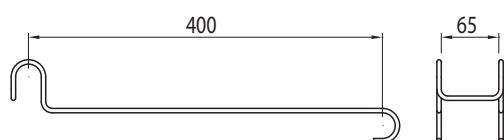
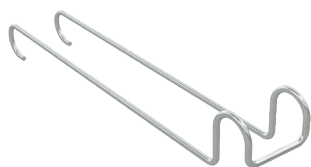




WIRE CHUTE

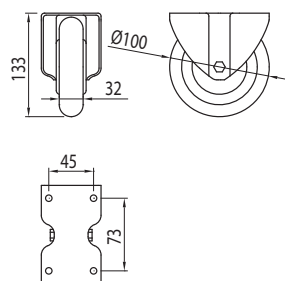
SCIVOLO
TOBOGÁN
TOBOGGAN
RUTSCHE

Cod	Note	g
015.300.015	For product build-up - Per accumulo prodotti - Para acumulación de productos - Pour accumulation produits - Für Produktansammlung	270

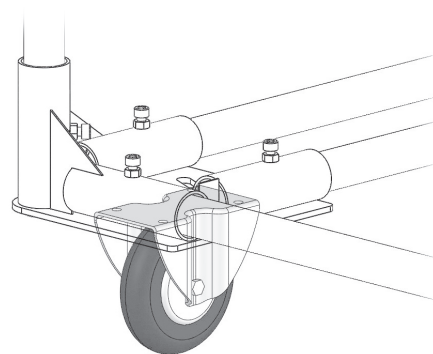


**FIXED CASTER, Ø 100**

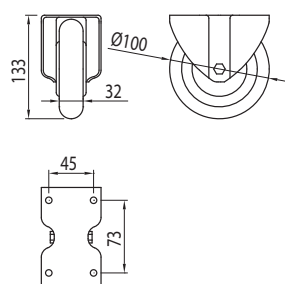
RUOTA FISSA Ø 100
RUEDA FIJA Ø 100
ROUE FIXE Ø 100
STARRES RAD Ø 100



Cod	Note	g
015.400.001	Steel brackets + polyurethane tread - Struttura in acciaio + battistrada in poliuretano - Estructura de acero + banda de rodadura de poliuretano - Structure en acier + bande en polyuréthane - Gestell aus Stahl + Polyurethanreifen	370

**PLATE-TYPE SWIVEL CASTER, Ø 100**

RUOTA PIVOTTANTE Ø 100
RUEDA GIRATORIA Ø 100
ROUE PIVOTANTE Ø 100
SCHWENKRAD Ø 100



Cod	Note	g
015.400.002	Steel brackets + polyurethane tread - Struttura in acciaio + battistrada in poliuretano - Estructura de acero + banda de rodadura de poliuretano - Structure en acier + bande en polyuréthane - Gestell aus Stahl + Polyurethanreifen	420

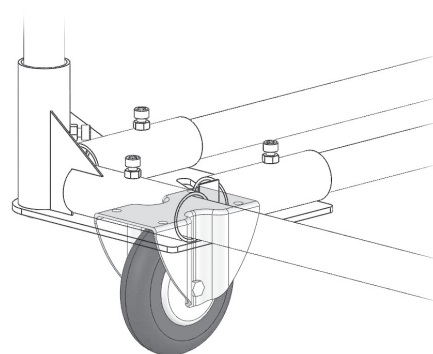
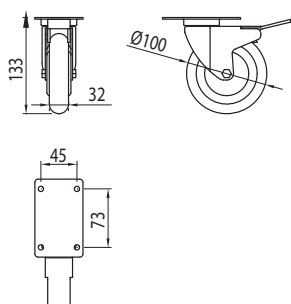


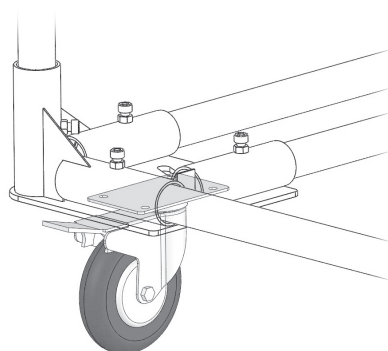


PLATE-TYPE SWIVEL CASTER WITH BRAKE, Ø 100

RUOTA GIREVOLE CON FRENO Ø 100
RUEDA GIRATORIA CON FRENO Ø 100
ROUE PIVOTANTE AVEC FREIN Ø 100
SCHWENKRAD MIT BREMSE Ø 100

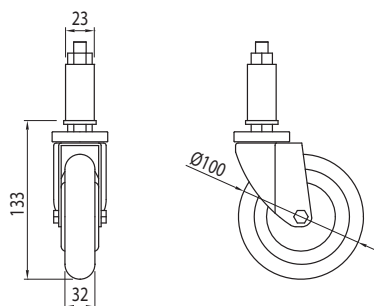


Cod	Note	g
015.400.003	Steel brackets + polyurethane tread - Struttura in acciaio + battistrada in poliuretano - Estructura de acero + banda de rodadura de poliuretano - Structure en acier + bande en polyuréthane - Gestell aus Stahl + Polyurethanreifen	495

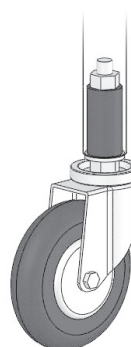


STEM-TYPE SWIVEL CASTER, Ø 100

RUOTA GIREVOLE Ø 100 CON PERNO
RUEDA GIRATORIA Ø 100 CON PERNO
ROUE PIVOTANTE Ø 100 AVEC PIVOT
SCHWENKRAD Ø 100 MIT BOLZEN

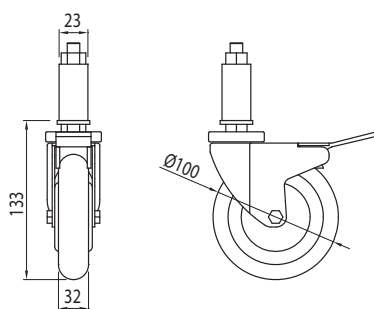


Cod	Note	g
015.400.004	Steel brackets + polyurethane tread - Struttura in acciaio + battistrada in poliuretano - Estructura de acero + banda de rodadura de poliuretano - Structure en acier + bande en polyuréthane - Gestell aus Stahl + Polyurethanreifen	420

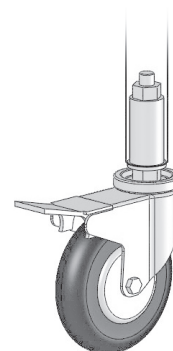


**STEM-TYPE SWIVEL CASTER WITH BRAKE, Ø100**

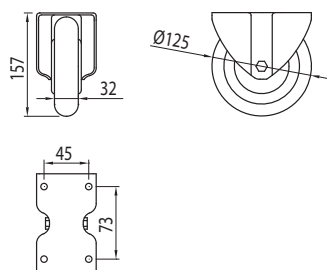
RUOTA GIREVOLE CON FRENO Ø100 E PERNO
 RUEDA GIRATORIA CON FRENO Ø100 Y PERNO
 ROUE PIVOTANTE AVEC FREIN Ø100 ET PIVOT
 SCHWENKRAD MIT BREMSE Ø100 UND BOLZEN



Cod	Note	g
015.400.005	Steel brackets + polyurethane tread - Struttura in acciaio + battistrada in poliuretano - Estructura de acero + banda de rodadura de poliuretano - Structure en acier + bande en polyuréthane - Gestell aus Stahl + Polyurethanreifen	470

**FIXED CASTER, Ø 125**

RUOTA FISSA Ø 125
 RUEDA FIJA Ø 125
 ROUE FIXE Ø 125
 STARRES RAD Ø 125



Cod	Note	g
015.400.006	Steel brackets + polyurethane tread - Struttura in acciaio + battistrada in poliuretano - Estructura de acero + banda de rodadura de poliuretano - Structure en acier + bande en polyuréthane - Gestell aus Stahl + Polyurethanreifen	400

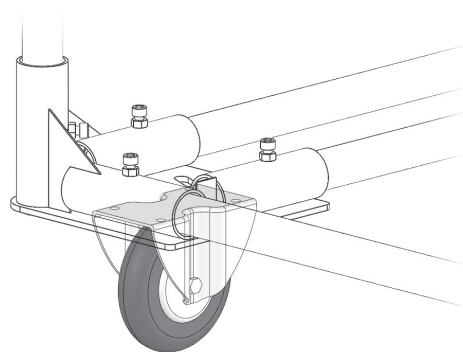
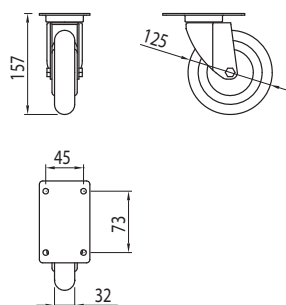




PLATE-TYPE SWIVEL CASTER, Ø 125

RUOTA GIREVOLE Ø 125
RUEDA GIRATORIA Ø 125
ROUE PIVOTANTE Ø 125
SCHWENKRAD Ø 125



Cod	Note	g
015.400.007	Steel brackets + polyurethane tread - Struttura in acciaio + battistrada in poliuretano - Estructura de acero + banda de rodadura de poliuretano - Structure en acier + bande en polyuréthane - Gestell aus Stahl + Polyurethanreifen	450

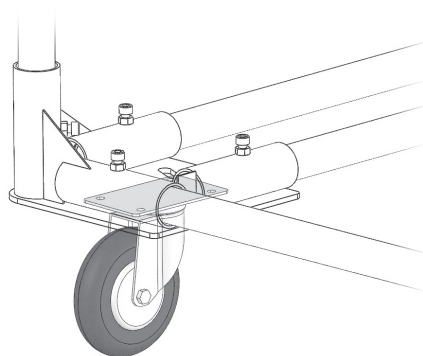
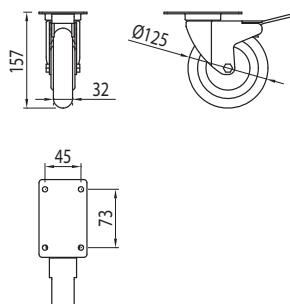
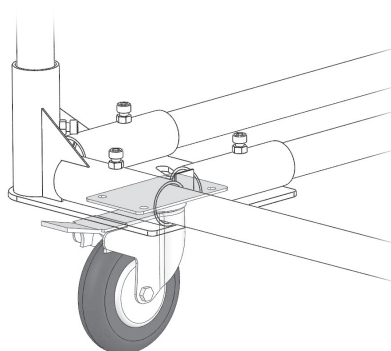


PLATE-TYPE SWIVEL CASTER WITH BRAKE, Ø 125

RUOTA GIREVOLE CON FRENO Ø 125
RUEDA GIRATORIA CON FRENO Ø 125
ROUE PIVOTANTE AVEC FREIN Ø 125
SCHWENKRAD MIT BREMSE Ø 125

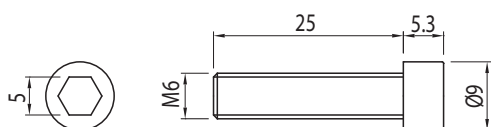


Cod	Note	g
015.400.008	Steel brackets + polyurethane tread - Struttura in acciaio + battistrada in poliuretano - Estructura de acero + banda de rodadura de poliuretano - Structure en acier + bande en polyuréthane - Gestell aus Stahl + Polyurethanreifen	520



**M6 SCREW + M6 NUT**

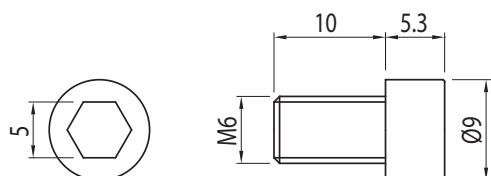
VITE M6 + DADO M6
TORNILLO M6 + TUERCA M6
VIS M6 + ÉCROU M6
SCHRAUBE M6 + MUTTER M6



Cod	Note	g
015.400.009	For joint fastening - Per fissaggio giunti - Para la fijación de los empalmes - Pour fixation joints - Zur Verbinderbefestigung	8

M6 SCREW + M6 NUT

VITE M6 + DADO M6
TORNILLO M6 + TUERCA M6
VIS M6 + ÉCROU M6
SCHRAUBE M6 + MUTTER M6



Cod	Note	g
015.400.010	For joint fastening - Per fissaggio giunti - Para la fijación de los empalmes - Pour fixation joints - Zur Verbinderbefestigung	6



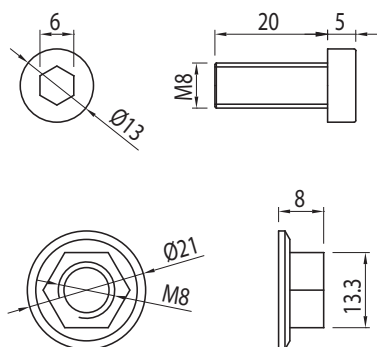
M8 SCREW + M8 FLANGED NUT

VITE M8 + DADO FLANGIATO M8

TORNILLO M8 + TUERCA EMBRIDADA M8

VIS M8 + ÉCROU BRIDÉ M8

SCHRAUBE M8 + FLANSCHMUTTER M8



Cod	Note	g
015.400.012	For caster fastening - Per il fissaggio ruote - Para la fijación de las ruedas - Pour fixation roues - Für die Radbefestigung	12

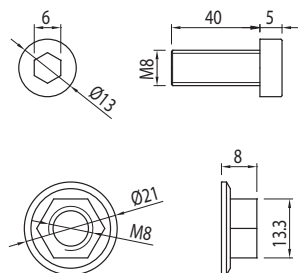
M8 SCREW + M8 FLANGED NUT

VITE M8 + DADO FLANGIATO M8

TORNILLO M8 + TUERCA EMBRIDADA M8

VIS M8 + ÉCROU BRIDÉ M8

SCHRAUBE M8 + FLANSCHMUTTER M8



Cod	Note	g
015.400.013	For caster fastening - Per fissaggio ruote - Para la fijación de ruedas - Pour fixation roues - Für die Radbefestigung	20



PROFILES AND ACCESSORIES FOR GRAVITY SYSTEMS

PROFILI E ACCESSORI PER SISTEMI A GRAVITÀ
PERFILES Y ACCESORIOS PARA SISTEMAS POR GRAVEDAD
PROFILÉS ET ACCESSOIRES POUR SYSTÈMES À GRAVITÉ
PROFILE UND ZUBEHÖR FÜR LEAN-REGALSYSTEME

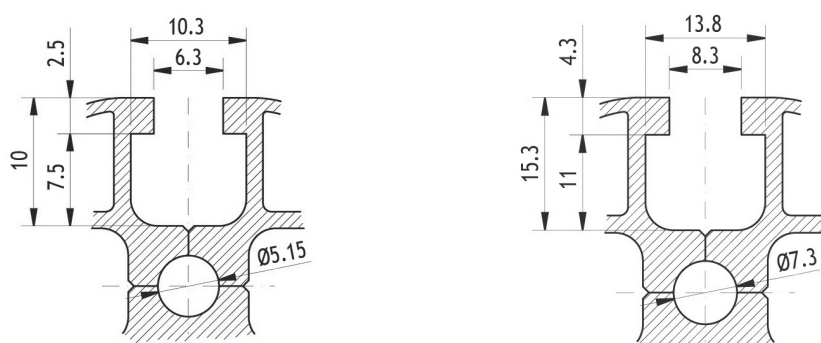
EN Alusic's range of rounded profiles allows the creation of strong, light and extensively configurable structures. The system is based on a trademarked profile design, which can be combined with a wide range of dedicated accessories which are ideal for all industrial applications.

IT La linea di profili arrotondati Alusic garantisce la realizzazione di strutture resistenti, leggere e ampiamente configurabili. La base del sistema sono i profili dal design depositato abbinabili ad una lunga serie di accessori dedicati e ideali per ogni tipo di applicazione nel campo industriale.

ES La línea de perfiles redondeados ALUSIC garantiza la realización de estructuras resistentes, ligeras y ampliamente configurables. La base del sistema son los perfiles de diseño registrado que pueden combinarse con una larga serie de accesorios específicos e ideales para cada tipo de aplicación en el ámbito industrial.

FR La ligne de profilés arrondis ALUSIC garantit la réalisation de structures résistantes, légères et grandement configurables. Les profilés au design déposé constituent la base du système. Ils peuvent être utilisés avec de très nombreux accessoires dédiés, parfaitement adaptés à tout type d'application dans le domaine industriel.

DE Die Linie von Rundprofilen von ALUSIC garantiert die Schaffung widerstandsfähiger, leichter und weitgehend konfigurierbarer Strukturen. Grundlage des Systems bilden die Profile im eingetragenen Design, die mit einer Vielzahl an speziellem Zubehör kombiniert werden können und für jede Art von Anwendung in der Industrie die ideale Lösung sind.



CHEMICAL COMPOSITION OF ALLOYS

COMPOSIZIONE DELLE LEGHE / 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%

MECHANICAL PROPERTIES

CARATTERISTICHE MECCANICHE / CARACTERÍSTICAS MECÁNICAS

CARACTÉRISTIQUES MÉCANIQUES / MECHANISCHE EIGENSCHAFTEN

EN-AW	Rm (N/mm ²)	Rp0,2 (N/mm ²)	A (%)	HB
6060	190	150	8	70
6063	215	170	8	75

PHYSICAL PROPERTIES

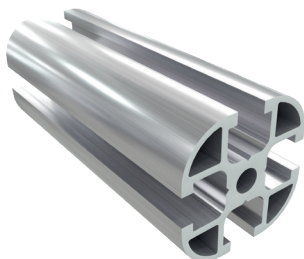
CARATTERISTICHE FISICHE / CARACTERÍSTICAS FÍSICAS

CARACTÉRISTIQUES PHYSIQUES / PHYSIKALISCHE EIGENSCHAFTEN

E [N/mm ²]	69000
ρ [Ω mm/m]	0.033
λ W/mK	210
T _m (C°)	615 - 655
α (K ⁻¹)	25X10 ⁻⁶

**30x30**

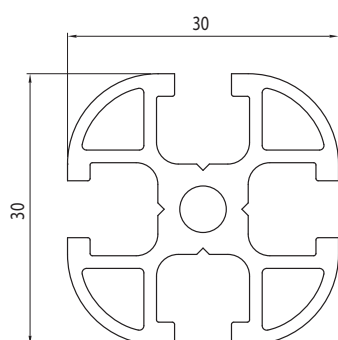
Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
800.029.003	2,10	2,10	1,40	1,40	292,30	0,79

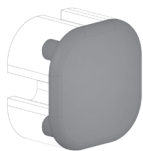
**Anodised aluminium**

Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium

L=6040mm**Natural colour**

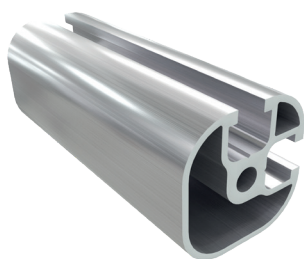
Colore naturale
Color natural
Couleur naturelle
Natürliche Farbe



Cap - Tappo - Tapòn - Embout - Abdeck			
			
Cod	Mat	g	Col
800.029.118	PA	2,5	■
800.029.118G	PA	2,5	■

30x30

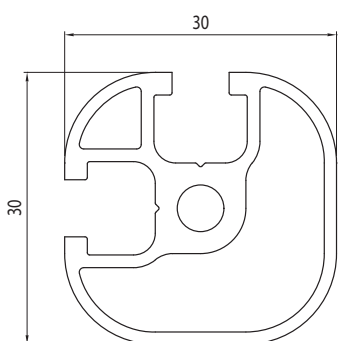
Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
800.029.013	1,90	1,90	1,30	1,30	249,30	0,67

**Anodised aluminium**

Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium

L=6040mm**Natural colour**

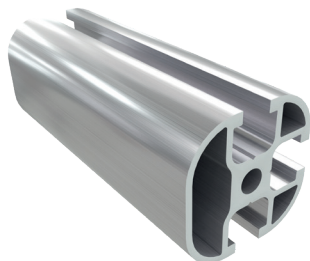
Colore naturale
Color natural
Couleur naturelle
Natürliche Farbe



Cap - Tappo - Tapòn - Embout - Abdeck			
			
Cod	Mat	g	Col
800.029.118	PA	2,5	■
800.029.118G	PA	2,5	■

**30x30**

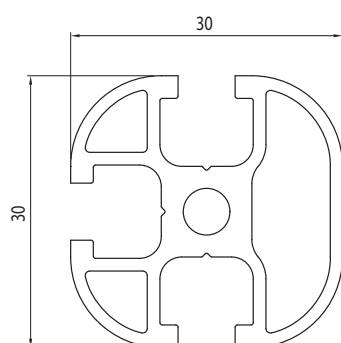
Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
800.029.014	1,97	2,02	1,30	1,35	274,90	0,74

**Anodised aluminium**

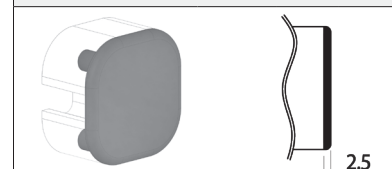
Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium
L=6040mm

Natural colour

Colore naturale
Color natural
Couleur naturelle
Natürliche Farbe



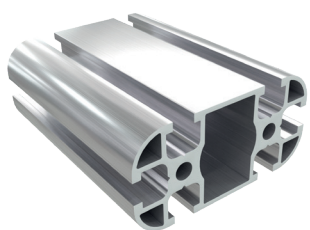
Cap - Tappo - Tapòn - Embout - Abdeck



Cod	Mat	g	Col
800.029.118	PA	2,5	■
800.029.118G	PA	2,5	■

30x60

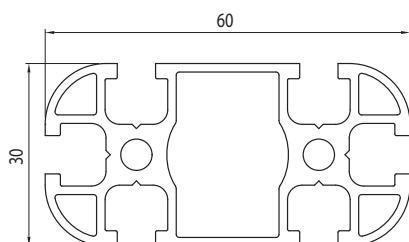
Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
800.029.004	4,17	17,30	2,78	5,77	507,50	1,37

**Anodised aluminium**

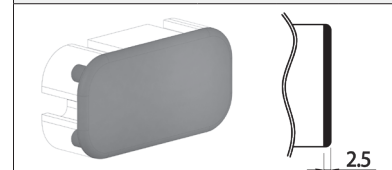
Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium
L=6040mm

Natural colour

Colore naturale
Color natural
Couleur naturelle
Natürliche Farbe



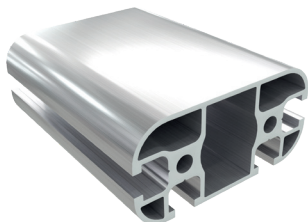
Cap - Tappo - Tapòn - Embout - Abdeck



Cod	Mat	g	Col
800.029.119	PA	5	■
800.029.119G	PA	5	■


30x60

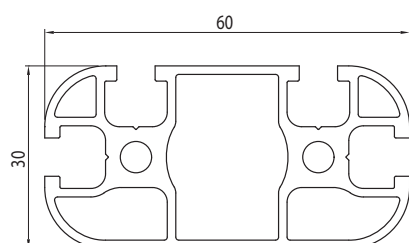

Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
800.029.015	4,12	16,53	2,75	5,51	494,25	1,33

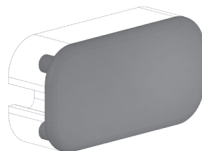

Anodised aluminium

Alluminio anodizzato
 Aluminio anodizado
 Aluminium anodisé
 Eloxiertes Aluminium

L=6040mm
Natural colour

Colore naturale
 Color natural
 Couleur naturelle
 Natürliche Farbe

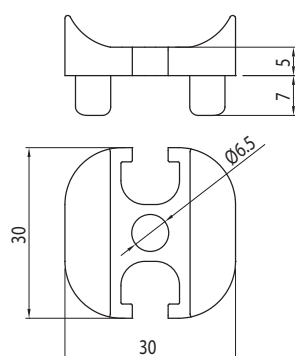
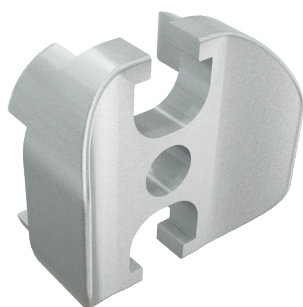


Cap - Tappo - Tapòn - Embout - Abdeck			
			
Cod	Mat	g	Col
800.029.119	PA	5	■
800.029.119G	PA	5	■

30X30 JOINT DOUBLE REFERENCE

GIUNTO 30X30 DOPPIO RIFERIMENTO
EMPALME 30X30 DOBLE REFERENCIA
30X30 JONCTION DOUBLE REFERENCE
30X30 GELENKDOPPELREFERENZ

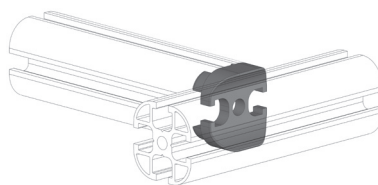
AC
6
30



Cod	Note	g
800.029.111	Ideal for strong and anti-rotation joints - Ideale per giunzioni robuste e antirotazione - Ideal para juntas robustas y antirrotación - Idéal pour les joints robustes et anti-rotation - Ideal für robuste und verdrehsichere Gelenke	12

Sanded aluminum

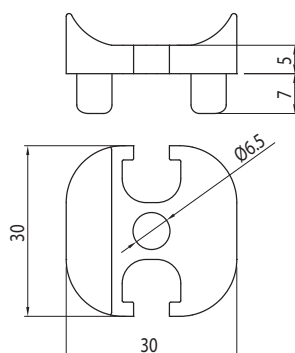
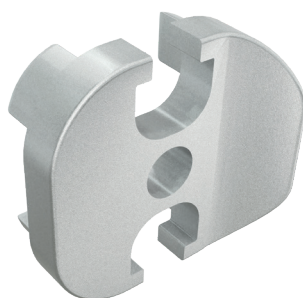
Alluminio sabbiato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium



30X30 SINGLE REFERENCE JOINT

GIUNTO 30X30 SINGOLO RIFERIMENTO
EMPALME 30X30 REFERENCIA ÚNICA
30X30 JOINT DE RÉFÉRENCE UNIQUE
30X30 EINZELREFERENZVERBINDUNG

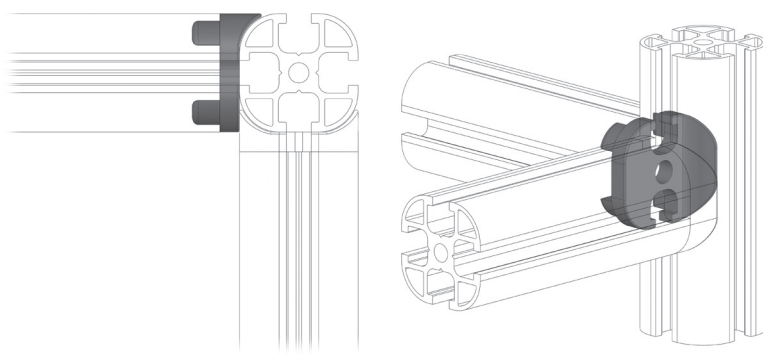
AC
6
30



Cod	Note	g
800.029.112	Ideal for strong and anti-rotation joints - Ideale per giunzioni robuste e antirotazione - Ideal para juntas robustas y antirrotación - Idéal pour les joints robustes et anti-rotation - Ideal für robuste und verdrehsichere Gelenke	11

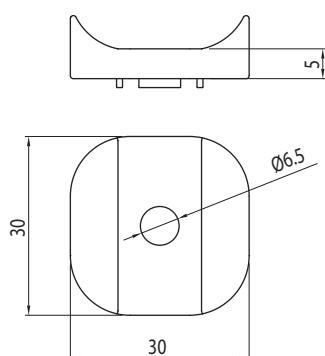
Sanded aluminum

Alluminio sabbiato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium



**30X30 JOINT DOUBLE REFERENCE**

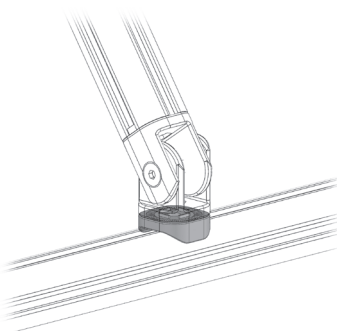
GIUNTO 30X30 DOPPIO RIFERIMENTO
EMPALME 30X30 REFERENCIA DOBLE
30X30 JONCTION DOUBLE RÉFÉRENCE
30X30 GELENKDOPPELREFERENZ

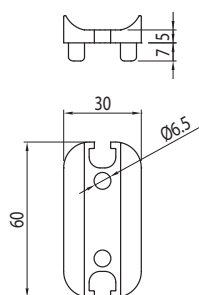
Cod	Note	g
800.029.133A	For articulated joint 084.311.012 - Per giunto snodato 084.311.012 - Para articulación articulada 084.311.012 - Pour le joint articulé 084.311.012 - Für Knickgelenk 084.311.012	8

Sanded aluminum

Alluminio sabbato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium

**30X60 JOINT DOUBLE REFERENCE**

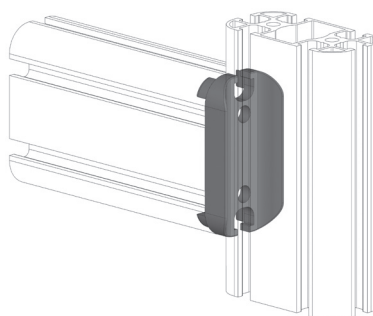
GIUNTO 30X60 DOPPIO RIFERIMENTO
EMPALME 30X60 REFERENCIA DOBLE
30X60 JONCTION DOUBLE RÉFÉRENCE
30X60 GELENKDOPPELREFERENZ

Cod	Note	g
800.029.115	Ideal for strong and anti-rotation joints - Ideale per giunzioni robuste e antirotazione - Ideal para juntas robustas y antirrotación - Idéal pour les joints robustes et anti-rotation - Ideal für robuste und verdrehsichere Gelenke	27

Sanded aluminum

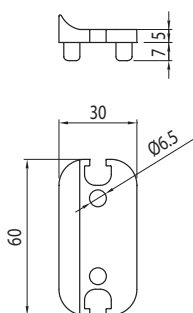
Alluminio sabbato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium



JOINT 30X60 SINGLE REFERENCE

GIUNTO 30X60 SINGOLO RIFERIMENTO
EMPALME 30X60 REFERENCIA ÚNICA
JOINT 30X60 UNIQUE RÉFÉRENCE
30X60 EINZELREFERENZVERBINDUNG

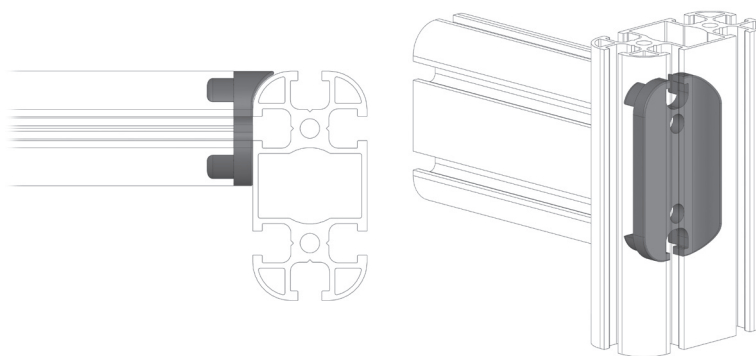
AC
6
30



Cod	Note	g
800.029.116	Ideal for cross or corner joints - Ideale per giunzioni a croce o angolo - Ideal para juntas cruzadas o de esquina - Idéal pour les joints transversaux ou d'angle - Ideal für Kreuz- oder Eckverbindungen	24

Sanded aluminum

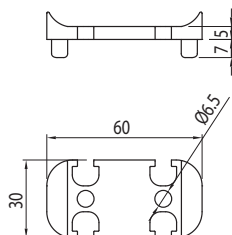
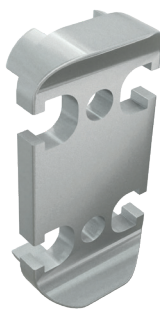
Alluminio sabbato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium



30X60 JOINT DOUBLE REFERENCE

GIUNTO 30X60 DOPPIO RIFERIMENTO
EMPALME 30X60 REFERENCIA DOBLE
30X60 JONCTION DOUBLE RÉFÉRENCE
30X60 DOPPELREFERENZGELENK

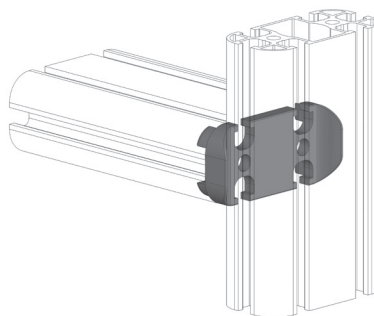
AC
6
30



Cod	Note	g
800.029.117	For strong and anti-rotation joints with vertical profiles - Per giunzioni robuste e antirotazione con profili in verticale - Para juntas robustas y antirrotación con perfiles verticales - Pour joints robustes et anti-rotation avec profilés verticaux - Für robuste und verdrehsichere Gelenke mit senkrechten Profilen	22

Sanded aluminum

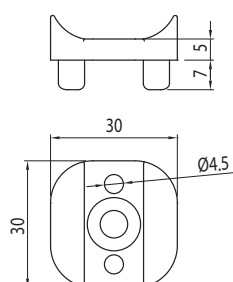
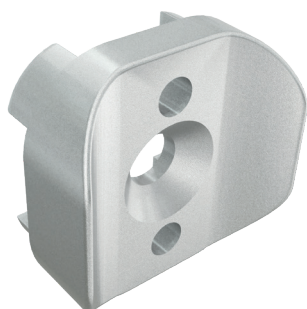
Alluminio sabbato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium





30X30 JOINT DOUBLE REFERENCE

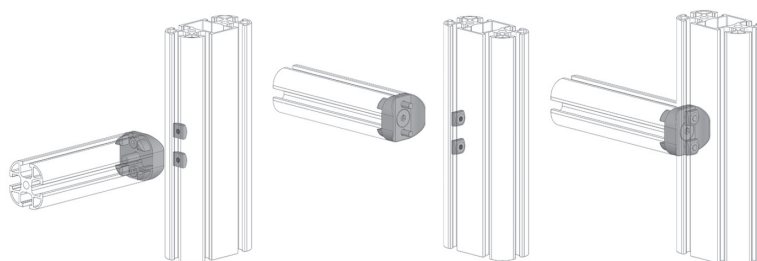
GIUNTO 30X30 RAPIDO DOPPIO RIFERIMENTO
EMPALME 30X30 REFERENCIA DOBLE
30X30 JONCTION DOUBLE RÉFÉRENCE
30X30 DOPPELREFERENZGELENK

AC
6
30


Cod	Note	g
800.029.131	For existing structures or adjustable fixings - Per strutture esistenti o fissaggi regolabili - Para estructuras existentes o fijaciones ajustables - Pour structures existantes ou fixations ajustables - Für bestehende Strukturen oder einstellbare Befestigungen	14

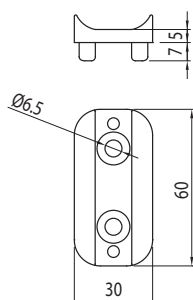
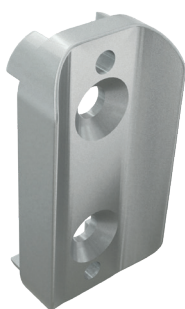
Sanded aluminum

Alluminio sabbato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium



30X60 QUICK JOINT DOUBLE REFERENCE

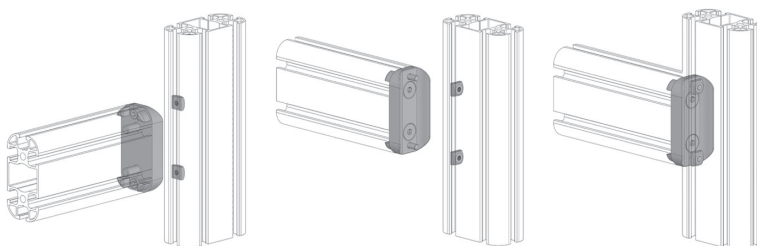
GIUNTO 30X60 RAPIDO DOPPIO RIFERIMENTO
EMPALME RÁPIDO 30X60 REFERENCIA DOBLE
30X60 JONCTION RAPIDE DOUBLE RÉFÉRENCE
30X60 DOPPELREFERENZSCHNELLGELENK

AC
6
30


Cod	Note	g
800.029.135	For existing structures or adjustable fixings - Per strutture esistenti o fissaggi regolabili - Para estructuras existentes o fijaciones ajustables - Pour structures existantes ou fixations ajustables - Für bestehende Strukturen oder einstellbare Befestigungen	28

Sanded aluminum

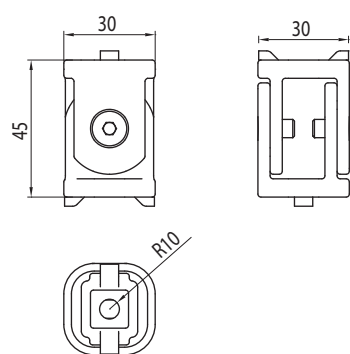
Alluminio sabbato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium





ARTICULATED JOINT, 30X30

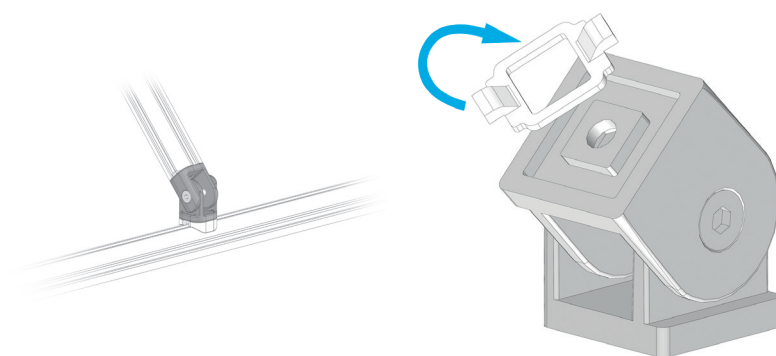
GIUNTO SNODATO 30X30
EMPALME ARTICULADO 30X30
JOINT ARTICULÉ 30X30
VERBINDER MIT GELENK 30X30



Cod	Note	g
084.311.017	For 30x30 round profile - Per profilo 30x30 arrotondato - Para perfil redondo 30x30 - Pour profilé rond 30x30 - Für runder Profile 30x30	50

Sanded aluminum

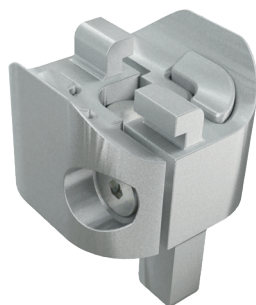
Alluminio sabbiato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium





30X30 QUICK JOINT DOUBLE REFERENCE

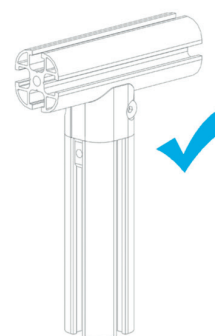
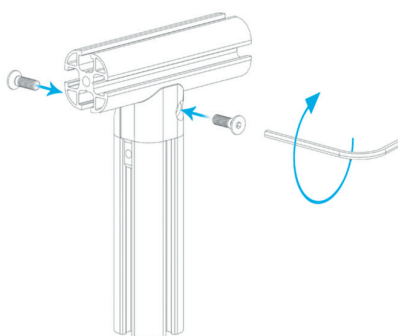
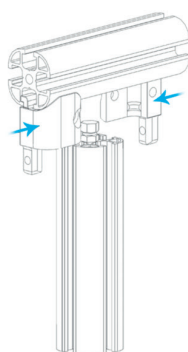
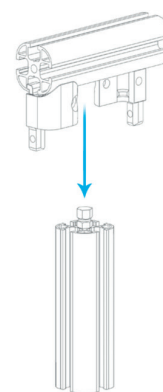
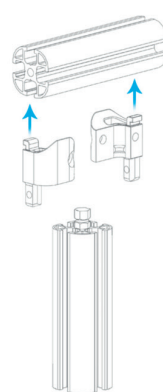
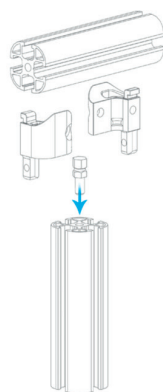
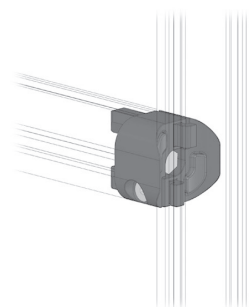
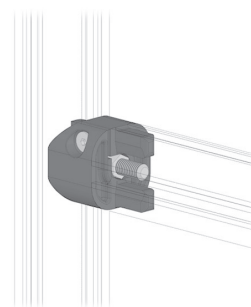
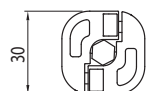
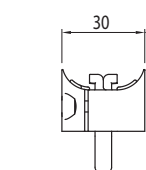
GIUNTO 30X30 RAPIDO DOPPIO RIFERIMENTO
EMPALME RÁPIDO 30X30 REFERENCIA DOBLE
30X30 JONCTION RAPIDE DOUBLE RÉFÉRENCE
30X30 DOPPELREFERENZSCHNELLGELENK



Cod	Note	g
800.029.134	For existing structures or adjustable fixings - Per strutture esistenti o fissaggi regolabili - Para estructuras existentes o fijaciones ajustables - Pour structures existantes ou fixations ajustables - Für bestehende Strukturen oder einstellbare Befestigungen	22

Sanded aluminum

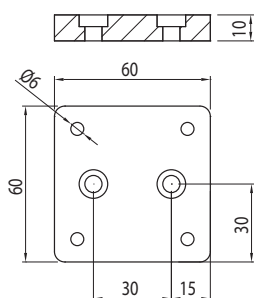
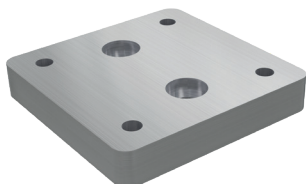
Alluminio sabbato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium



FLANGE FOR WHEEL

FLANGIA PER RUOTA
BRIDA PARA RUEDA
BRIDE POUR ROUE
FLANSCH FÜR RAD

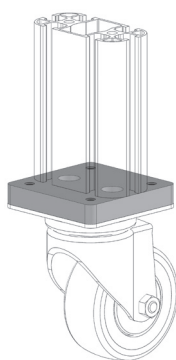
AC
6
30



Cod	Note	g
800.029.127	For 30x60 profile for fixing wheels with plate - Per profilo 30x60 per fissaggio ruote con piastra - Para perfil 30x60 para fijar ruedas con placa - Pour profilé 30x60 pour la fixation des roues avec plaque - Für 30x60 Profil zur Befestigung von Rädern mit Platte	91

Anodised aluminium

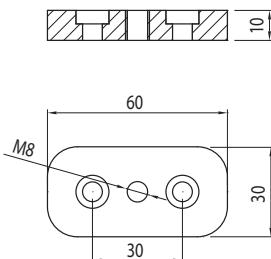
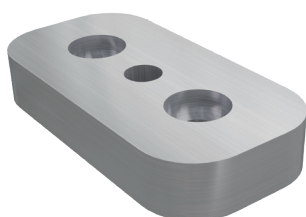
Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium



FLANGE FOR FEET

FLANGIA PER PIEDINI
BRIDA PARA PIES
BRIDE POUR PIEDS
FLANSCH FÜR FÜSSE

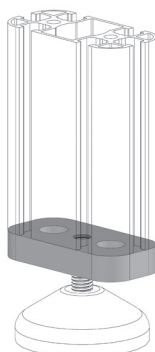
AC
6
30



Cod	Note	g
800.029.128	For profile 30 x 60 for fixing M8 feet - Per profilo 30 x 60 per fissaggio piedini M8 - Para perfil 30 x 60 para fijar pies M8 - Pour le profil 30 x 60 pour la fixation des pieds M8 - Für Profil 30 x 60 zur Befestigung von M8 Füßen	42

Anodised aluminium

Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium

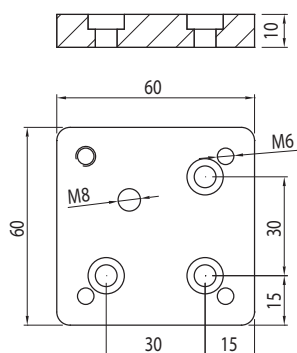
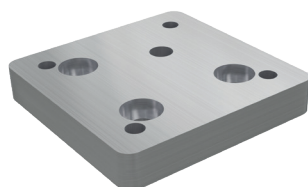




CORNER FLANGE

FLANGIA D'ANGOLO
BRIDA DE LA ESQUINA
BRIDE DE COIN
ECKFLANSCH

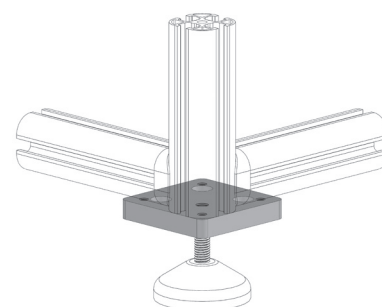
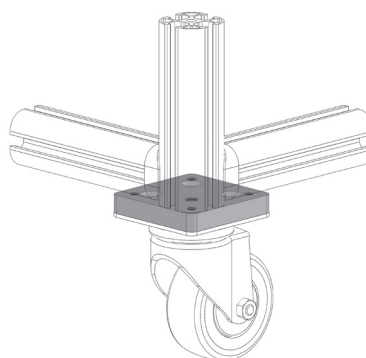
AC
6
30



Cod	Note	g
800.029.129	For corner supports with wheel or foot M8 - Per supporti d'angolo con ruota o piedino M8 - Para soportes de esquina con rueda o pie M8 - Pour les supports d'angle avec roue ou pied M8 - Für Eckstützen mit Rad oder Fuß M8	89

Anodised aluminium

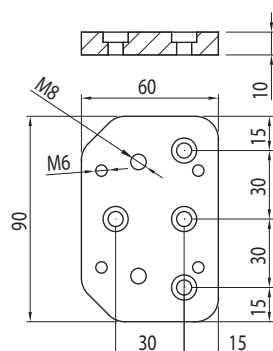
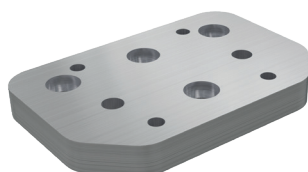
Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium



CORNER FLANGE

FLANGIA D'ANGOLO
BRIDA DE LA ESQUINA
BRIDE DE COIN
ECKFLANSCH

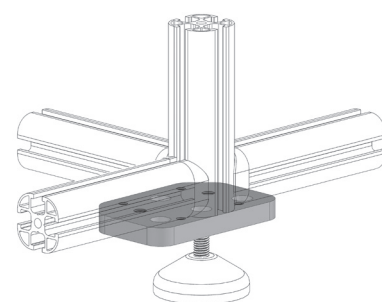
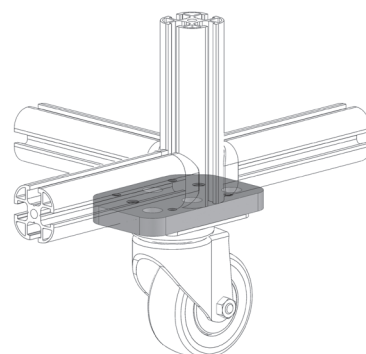
AC
6
30

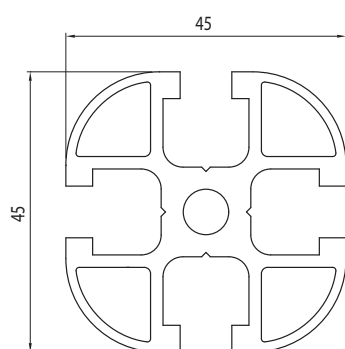
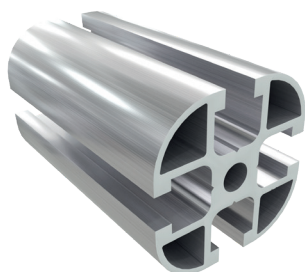


Cod	Note	g
800.029.130	For intermediate supports with wheel or with M8 foot - Per supporti intermedi con ruota o con piedino M8 - Para soportes intermedios con rueda o con pie M8 - Pour les supports intermédiaires avec roue ou avec pied M8 - Für Zwischenstützen mit Rad oder mit M8 Fuß	128

Anodised aluminium

Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium



**45x45**

Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
800.029.001	9,68	9,68	4,30	4,30	627	1,70

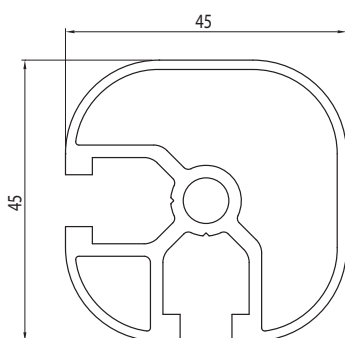
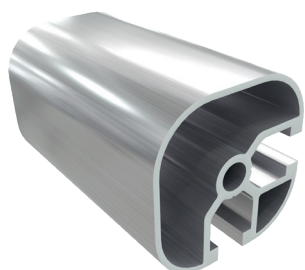
Anodised aluminium

Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium
L=6040mm

Natural colour

Colore naturale
Color natural
Couleur naturelle
Natürliche Farbe

Cap - Tappo - Tapòn - Embout - Abdeck			
Cod	Mat	g	Col
800.029.109	PA	7	■
800.029.109G	PA	7	■

45x45

Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
800.029.009	7,52	7,52	3,43	3,43	434	1,17

Anodised aluminium

Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium
L=6040mm

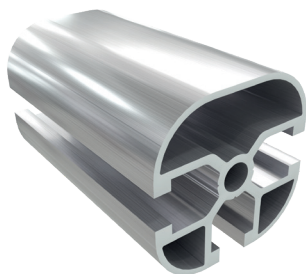
Natural colour

Colore naturale
Color natural
Couleur naturelle
Natürliche Farbe

Cap - Tappo - Tapòn - Embout - Abdeck			
Cod	Mat	g	Col
800.029.109	PA	7	■
800.029.109G	PA	7	■

**45x45**

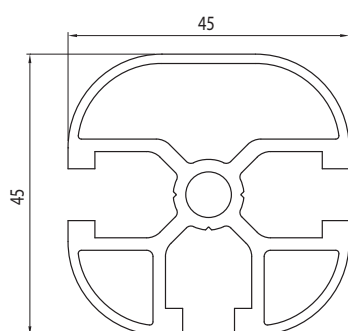
Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
800.029.010	9,14	8,22	4,06	3,65	502,04	1,35

**Anodised aluminium**

Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium

L=6040mm**Natural colour**

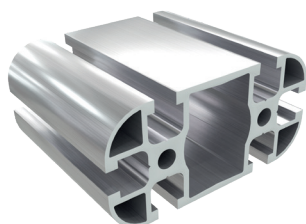
Colore naturale
Color natural
Couleur naturelle
Natürliche Farbe



Cap - Tappo - Tapòn - Embout - Abdeck			
			
Cod	Mat	g	Col
800.029.109	PA	7	■
800.029.109G	PA	7	■

45x90

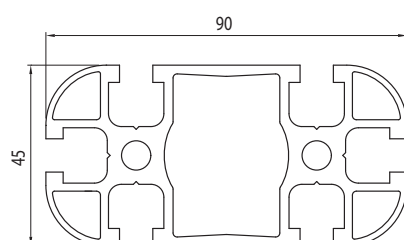
Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
800.029.002	21,42	82,51	9,52	18,33	1127	3,05

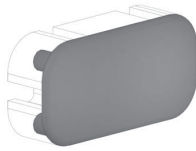
**Anodised aluminium**

Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium

L=6040mm**Natural colour**

Colore naturale
Color natural
Couleur naturelle
Natürliche Farbe



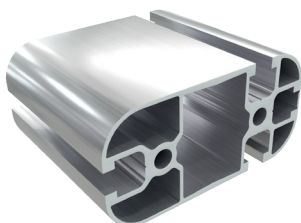
Cap - Tappo - Tapòn - Embout - Abdeck			
			
Cod	Mat	g	Col
800.029.110	PA	12	■
800.029.110G	PA	12	■



45x90



Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
800.029.011	74,41	18,82	16,53	8,36	956,98	2,58

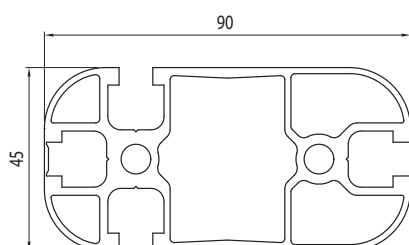


Anodised aluminium

Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium
L=6040mm

Natural colour

Colore naturale
Color natural
Couleur naturelle
Natürliche Farbe



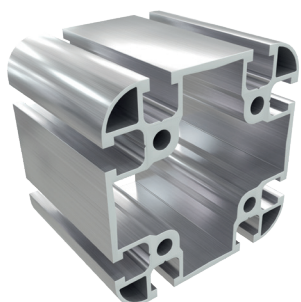
Cap - Tappo - Tapòn - Embout - Abdeck

Cod	Mat	g	Col
800.029.110	PA	12	■
800.029.110G	PA	12	■

90x90



Cod	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	Kg/m
800.029.012	155,02	155,02	34,44	34,44	1766,58	4,77

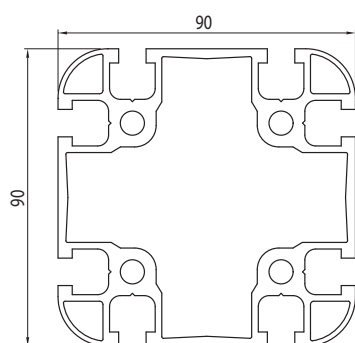


Anodised aluminium

Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium
L=6040mm

Natural colour

Colore naturale
Color natural
Couleur naturelle
Natürliche Farbe

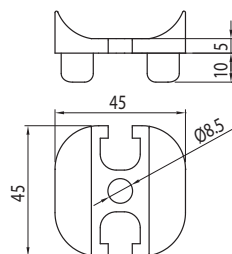
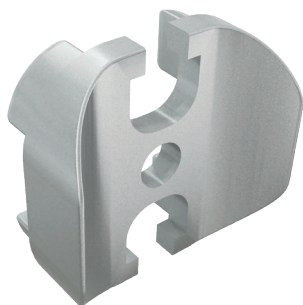


Cap - Tappo - Tapòn - Embout - Abdeck

Cod	Mat	g	Col
800.029.138	PA	20	■
800.029.138G	PA	20	■

**45X45 JOINT DOUBLE REFERENCE**

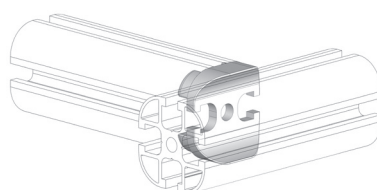
GIUNTO 45X45 DOPPIO RIFERIMENTO
EMPALME 45X45 REFERENCIA DOBLE
45X45 JONCTION DOUBLE RÉFÉRENCE
45X45 DOPPELREFERENZGELENK

AC
8
45

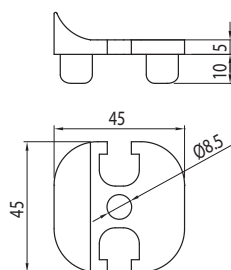
Cod	Note	g
800.029.101	Suitable for strong and anti-rotation joints - Ideale per giunzioni robuste e antirotazione - Ideal para juntas robustas y antirrotación - Idéal pour les joints robustes et anti-rotation - Ideal für robuste und verdrehsichere Gelenke	45

Sanded aluminum

Alluminio sabbiato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium

**ORTHOGONAL JOINT**

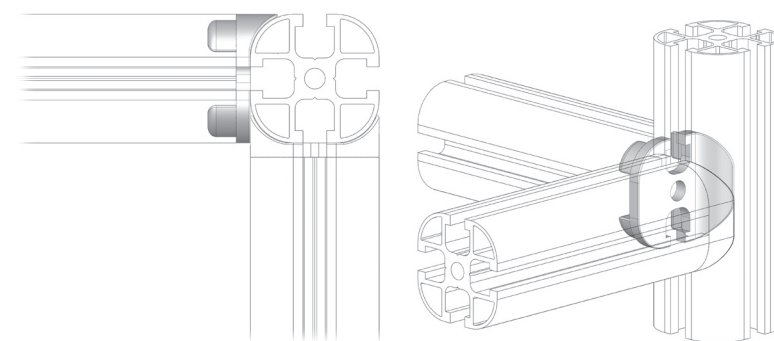
GIUNTO ORTOGONALE 45X45
ARTICULACIÓN ORTOGONAL
JOINT ORTHOGONAL
ORTHOAGONALE VERBINDUNG

AC
8
45

Cod	Note	g
800.029.102	Suitable for strong and anti-rotation joints - Ideale per giunzioni robuste e antirotazione - Ideal para juntas robustas y antirrotación - Idéal pour les joints robustes et anti-rotation - Ideal für robuste und verdrehsichere Gelenke	40

Sanded aluminum

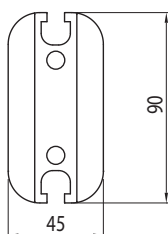
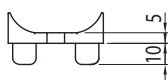
Alluminio sabbiato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium



45X90 JOINT DOUBLE REFERENCE

GIUNTO 45X90 DOPPIO RIFERIMENTO
EMPALME 45X90 REFERENCIA DOBLE
45X90 JONCTION DOUBLE RÉFÉRENCE
45X90 DOPPELREFERENZGELENK

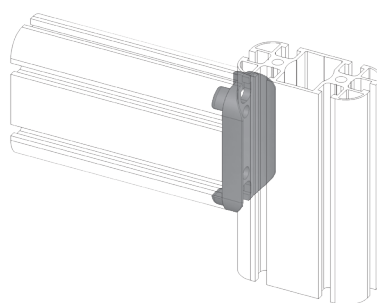
AC
8
45



Cod	Note	g
800.029.106	Suitable for strong and anti-rotation joints - Ideale per giunzioni robuste e antirotazione - Ideal para juntas robustas y antirrotación - Idéal pour les joints robustes et anti-rotation - Ideal für robuste und verdrehsichere Gelenke	80

Sanded aluminum

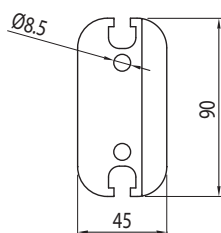
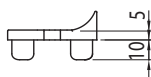
Alluminio sabbiato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium



45X90 SINGLE REFERENCE JOINT

GIUNTO 45X90 SINGOLO RIFERIMENTO
EMPALME 45X90 REFERENCIA ÚNICA
45X90 JOINT DE RÉFÉRENCE UNIQUE
45X90 EINZELREFERENZVERBINDUNG

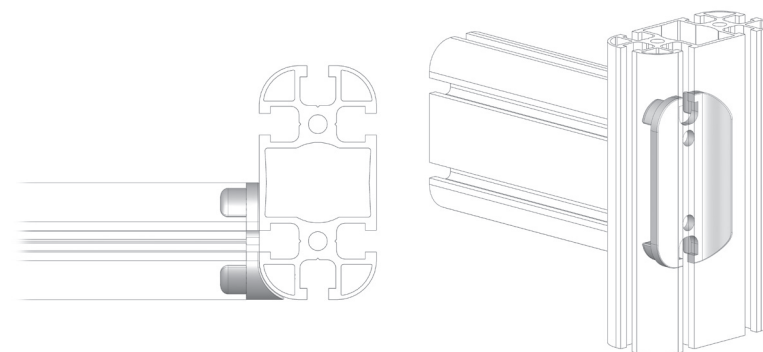
AC
8
45



Cod	Note	g
800.029.107	Suitable for cross or corner joints - Ideale per giunzioni a croce o angolo - Ideal para juntas cruzadas o de esquina - Idéal pour les joints transversaux ou d'angle - Ideal für Kreuz- oder Eckverbindungen	72

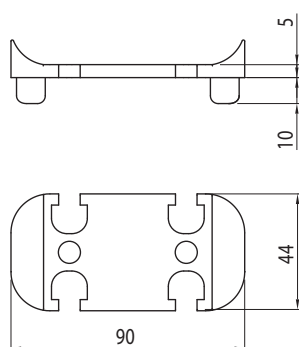
Sanded aluminum

Alluminio sabbiato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium



**45X90 ORTHOGONAL JOINT**

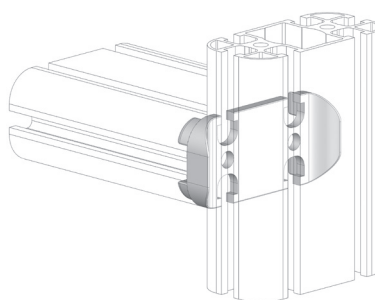
GIUNTO ORTOGONALE 45X90
45X90 ARTICULACIÓN ORTOGONAL
45X90 JOINT ORTHOGONAL
45X90 ORTHOGONALE VERBINDUNG

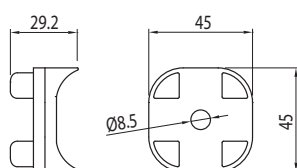
Cod	Note	g
800.029.108	For strong and anti-rotation joints for vertical profiles - Per giunzioni robuste e antirotazione per profili in verticale - Para juntas robustas y antirrotación para perfiles verticales - Pour joints robustes et anti-rotation pour profilés verticaux - Für robuste und verdrehsichere Gelenke für senkrechte Profile	68

Sanded aluminum

Alluminio sabbato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium

**ADJUSTABLE JOINT 45X45**

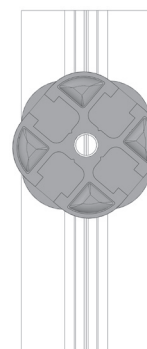
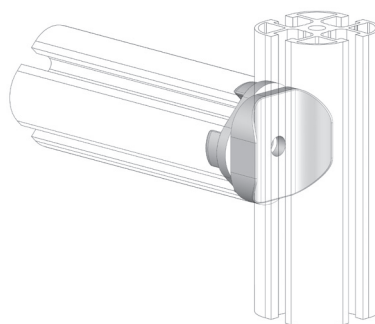
GIUNTO REGOLABILE 45X45
EMPALME AJUSTABLE 45X45
JONCTION RÉGLABLE 45X45
VERSTELLGELENK 45X45

Cod	Note	g
800.029.103	Suitable for creating inclined support surfaces - Ideale per realizzare piani di appoggio inclinati - Ideal para crear superficies de soporte inclinadas - Idéal pour créer des surfaces de support inclinées - Ideal zum Erstellen von geneigten Auflageflächen	71

Sanded aluminum

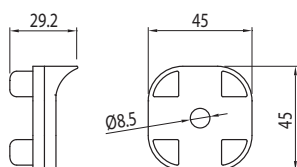
Alluminio sabbato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium



ADJUSTABLE JOINT 45X45

GIUNTO REGOLABILE 45X45
JUNTA AJUSTABLE 45X45
JOINT RÉGLABLE 45X45
VERSTELLGELENK 45X45

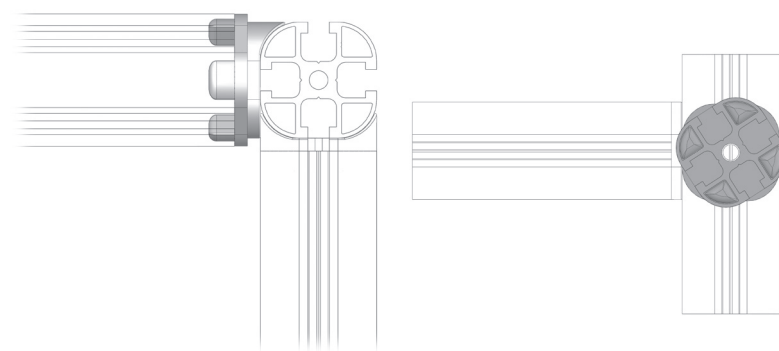
AC
8
45



Cod	Note	g
800.029.104	Suitable for creating inclined support surfaces - Ideale per realizzare piani di appoggio inclinati - Ideal para crear superficies de soporte inclinadas - Idéal pour créer des surfaces de support inclinées - Ideal zum Erstellen von geneigten Auflageflächen	68

Sanded aluminum

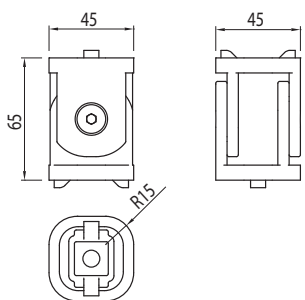
Alluminio sabbiato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium



ARTICULATED JOINT, 45X45

GIUNTO SNODATO 45X45
EMPALME ARTICULADO 45X45
JOINT ARTICULÉ 45X45
VERBINDER MIT GELENK 45X45

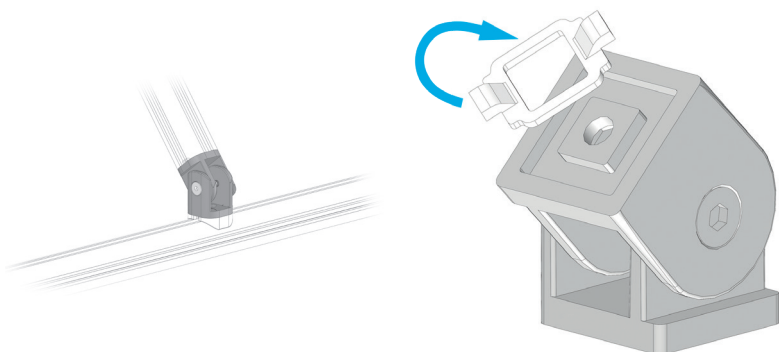
AC
8
45



Cod	Note	g
084.311.013	For round profile 45x45 - Per profilo 45x45 arrotondato - Para perfil redondo 45x45 - Pour profilé rond 45x45 - Für rund Profil 45x45	170

Sanded aluminum

Alluminio sabbiato
Aluminio lijado
Aluminium sablé
Sandgestrahltes Aluminium

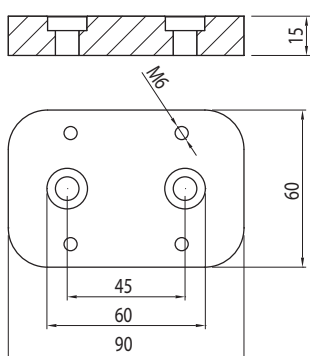
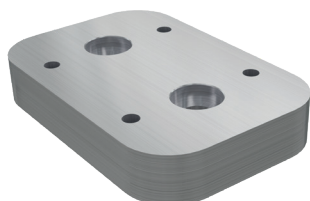




FLANGE FOR WHEEL

FLANGIA PER RUOTA
BRIDA PARA RUEDA
BRIDE POUR ROUE
FLANSCH FÜR RAD

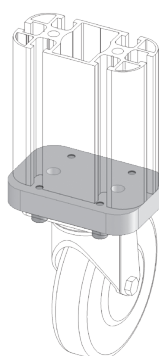
AC
8
45



Cod	Note	g
800.029.121	For profile 45x90 for fixing wheels with plate - Per profilo 45x90 per fissaggio ruote con piastra - Para perfil 45x90 para fijar ruedas con placa - Pour le profil 45x90 pour la fixation des roues avec plaque - Für Profil 45x90 zur Befestigung von Rädern mit Platte	190

Anodised aluminium

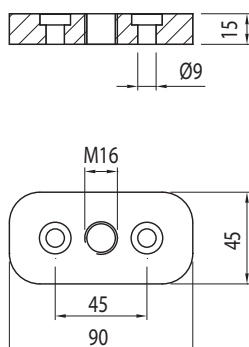
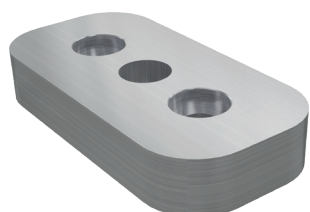
Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium



FLANGE FOR FEET

FLANGIA PER PIEDINI
BRIDA PARA PIES
BRIDE POUR PIEDS
FLANSCH FÜR FÜSSE

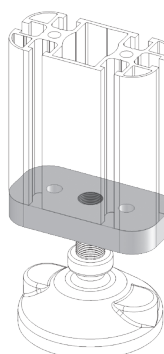
AC
8
45



Cod	Note	g
800.029.122	For profile 45 x 90 for fixing feet M16 - Per profilo 45 x 90 per fissaggio piedini M16 - Para perfil 45 x 90 para la fijación de pies M16 - Pour le profil 45 x 90 pour la fixation des pieds M16 - Für Profil 45 x 90 für Befestigungsfüße M16	150

Anodised aluminium

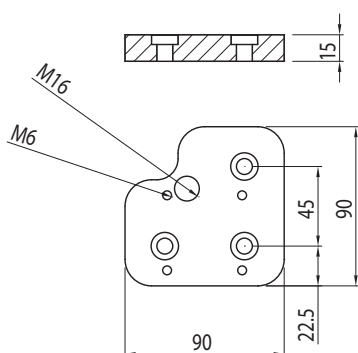
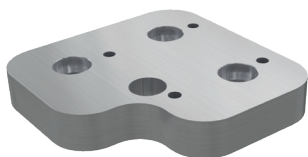
Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium



FLANGE FOR FEET

FLANGIA PER PIEDINI
BRIDA PARA PIES
BRIDE POUR PIEDS
FLANSCH FÜR FÜSSE

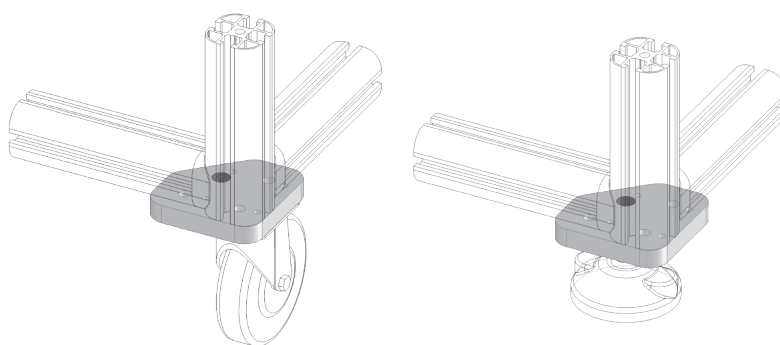
AC
8
45



Cod	Note	g
800.029.123	For corner supports with wheel or with M16 foot - Per supporti d'angolo con ruota o con piedino M16 - Para soportes de esquina con rueda o con pie M16 - Pour les supports d'angle avec roue ou avec pied M16 - Für Eckhalter mit Rad oder mit Fuß M16	240

Anodised aluminium

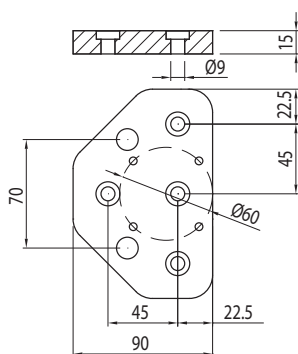
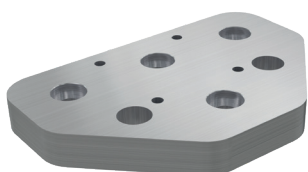
Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium



CROSS-JOINTED FLANGE

FLANGIA GIUNZIONI A CROCE
BRIDA CRUZADA
BRIDE CROISEE
KREUZGELENK-FLANSCH

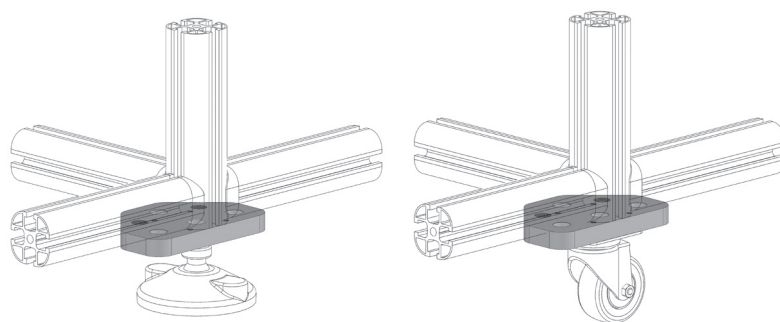
AC
8
45



Cod	Note	g
800.029.124	For intermediate supports with wheel or with M16 feet - Per supporti intermedi con ruota o con piedini M16 - Para soportes intermedios con rueda o con pies M16 - Pour les supports intermédiaires avec roue ou avec pieds M16 - Für Zwischenstützen mit Rad oder mit M16 Füßen	440

Anodised aluminium

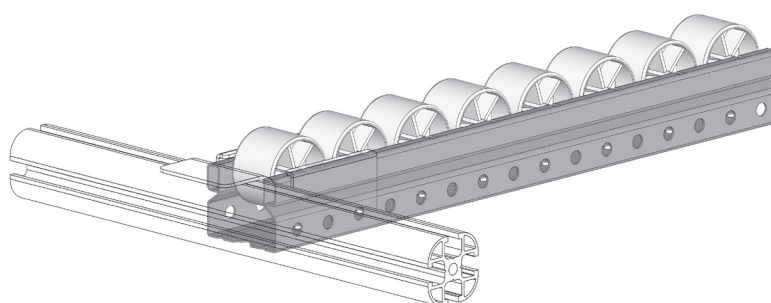
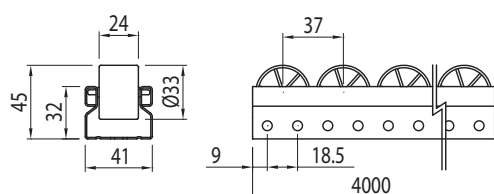
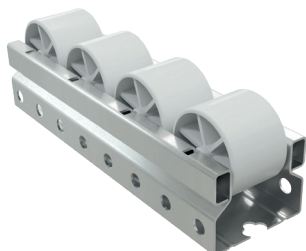
Alluminio anodizzato
Aluminio anodizado
Aluminium anodisé
Eloxiertes Aluminium



**STANDARD ROLLER TRACK - FLAT ROLLERS**

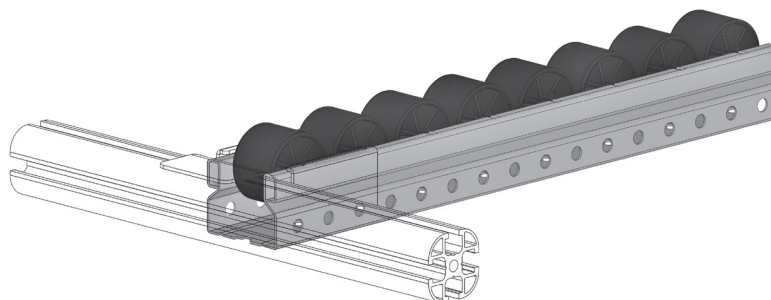
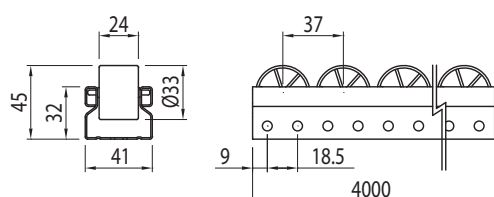
RULLIERA STANDARD ROTELLA PIATTA
TRANSPORTADOR ESTÁNDAR, RUEDA PLANA
RAIL À GALET STANDARD ROULETTE PLAT
STANDARD-ROLLENSCHIEN MIT FLACHEN ROLLEN

Cod	Note	Kg/m
015.200.006	Ø 34 roller / 4 m bars - Rotella Ø 34 / barre da 4 m - Rueda Ø 34 / Barras de 4 m - Roulette Ø 34 / barres de 4 m - Rolle Ø 34 / 4-m-Bahnen	1,30

**STANDARD ROLLER TRACK, FLAT ROLLERS**

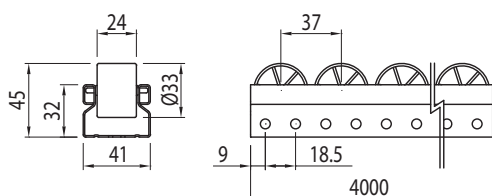
RULLIERA STANDARD ROTELLA PIATTA
TRANSPORTADOR ESTÁNDAR, RUEDA PLANA
RAIL À GALET STANDARD ROULETTE PLAT
STANDARD-ROLLENSCHIEN MIT FLACHEN ROLLEN

Cod	Note	Kg/m
015.200.017	Ø 34 roller / 4 m bars - Rotella Ø 34 / barre da 4 m - Rueda Ø 34 / Barras de 4 m - Roulette Ø 34 / barres de 4 m - Rolle Ø 34 / 4-m-Bahnen	1,30

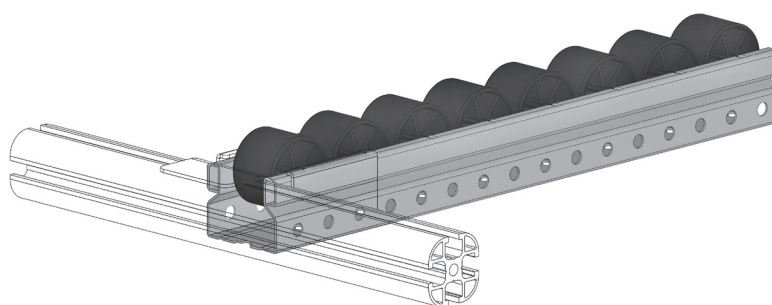


STANDARD ESD FLAT ROLLER TRACK

RULLIERA PIATTA STANDARD ESD
TRANSPORTADOR PLANO ESTÁNDAR ESD
RAIL À GALET PLAT STANDARD ESD
FLACHE STANDARD-ROLLENSCHIEN ESD

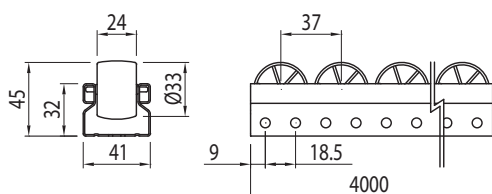
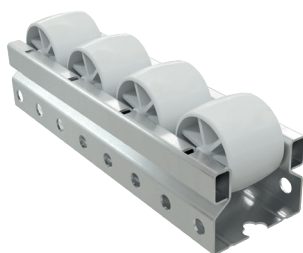


Cod	Note	Kg/m
015.200.012	ø 34 roller / 4 m bars - Rotella ø34 / barre da 4 m - Rueda ø 34 / Barras de 4 m - Roulette ø 34 / barres de 4 m - Rolle ø 34 / 4-m-Bahnen	1,30

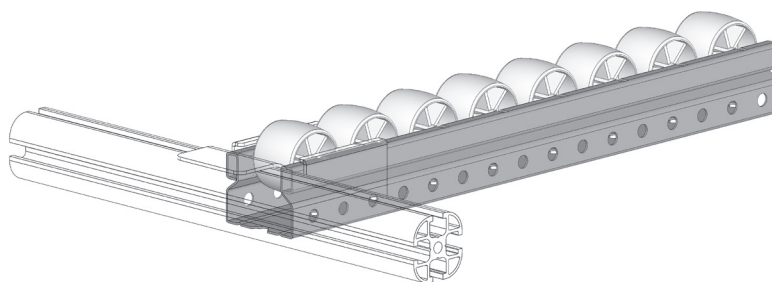


STANDARD ROLLER TRACK, CONVEX ROLLERS

RULLIERA STANDARD ROTELLA BOMBATA
TRANSPORTADOR ESTÁNDAR, RUEDA ABOMBADA
RAIL À GALET STANDARD ROULETTE BOMBÉE
STAND.-ROLLENSCHIEN MIT GEWÖLBTEN ROLLEN



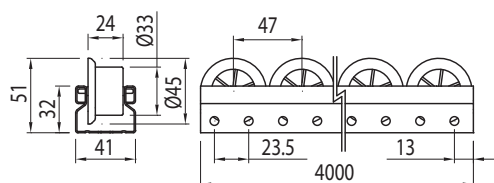
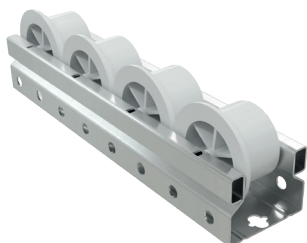
Cod	Note	Kg/m
015.200.011	ø 34 roller / 4m bars - Rotella ø34 / barre da 4m - Rueda ø 34 / Barras de 4m - Roulette ø 34 / barres de 4m - Rolle ø 34 / 4-m-Bahnen	1,30



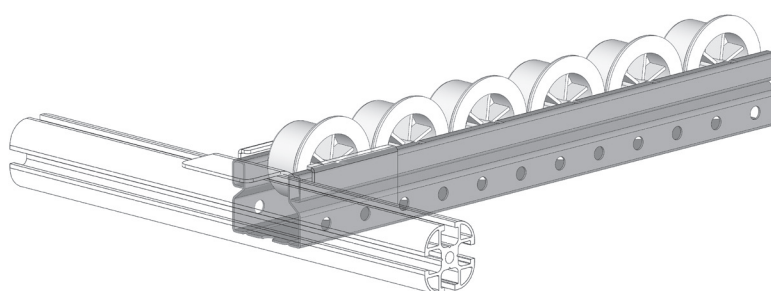


ROLLER TRACK WITH FLANGED ROLLERS

RULLIERA CON SPONDA
TRANSPORTADOR CON GUÍA
RAIL À GALET AVEC BORD
ROLLENSCHIEN MIT WAND

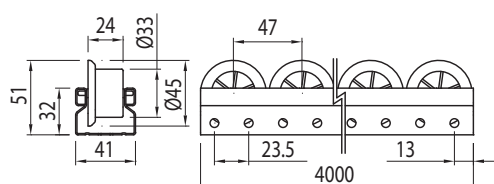


Cod	Note	Kg/m
015.200.007	ø 34 roller with flanged rollers / 4 m bars - Rotella ø 34 con sponda / barre da 4 m - Rueda ø 34 con guía / Barras de 4 m - Roulette ø 34 avec bord / barres de 4 m - Geflanschte Rolle ø 34 / 4-m-Bahnen	1,30

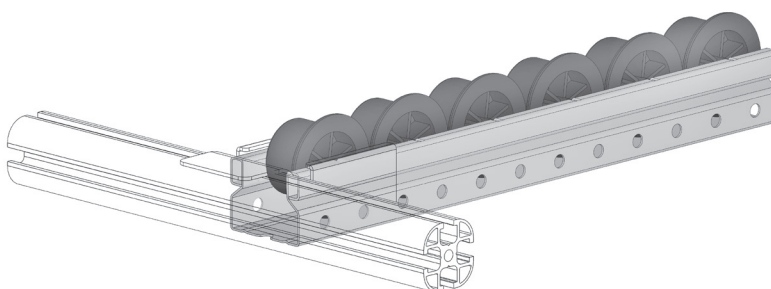


ROLLER TRACK WITH ESD FLANGED ROLLERS

RULLIERA CON SPONDA ESD
TRANSPORTADOR CON GUÍA ESD
RAIL À GALET AVEC BORD ESD
ROLLENSCHIEN MIT WAND ESD



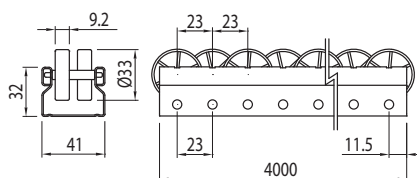
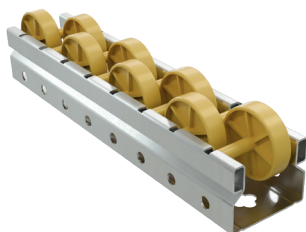
Cod	Note	Kg/m
015.200.013	ø 34 roller with ESD flanged rollers / 4 m bars - Rotella ø 34 con sponda ESD / barre da 4 m - Rueda ø 34 con guía ESD / Barras de 4 m - Roulette ø 34 avec bord ESD / barres de 4 m - Geflanschte ESD-Rolle ø 34 / 4-m-Bahnen	1,30



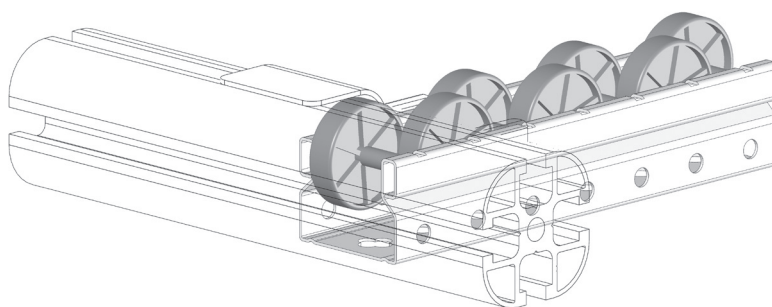


DOUBLE ROLLER TRACK

RULLIERA CON DOPPIA ROTELLA
TRANSPORTADOR CON DOBLE RUEDA
RAIL À GALET AVEC ROULETTE DOUBLE
ROLLENSCHIEN MIT DOPPELROLLEN



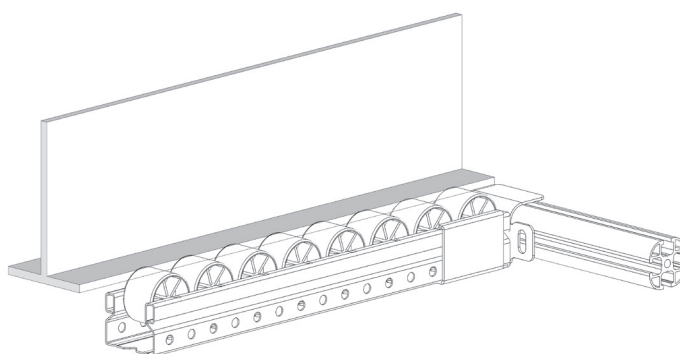
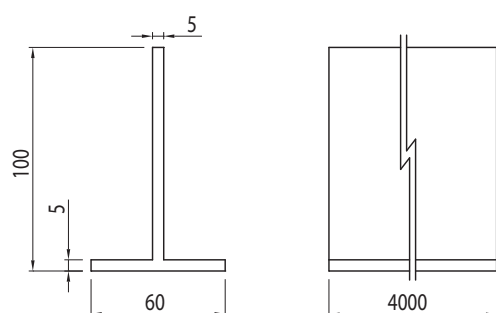
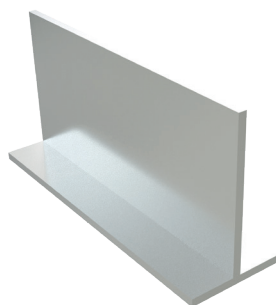
Cod	Note	Kg/m
015.200.008	ø 34 double roller / 4 m bars - Doppia rotella ø34 / barra da 4 m - Doble rueda ø 34 / Barras de 4 m - Double roulette ø 34 / barres de 4 m - Doppelrolle ø 34 / 4-m-Bahnen	1,30



**CENTRAL PLASTIC PROFILE**

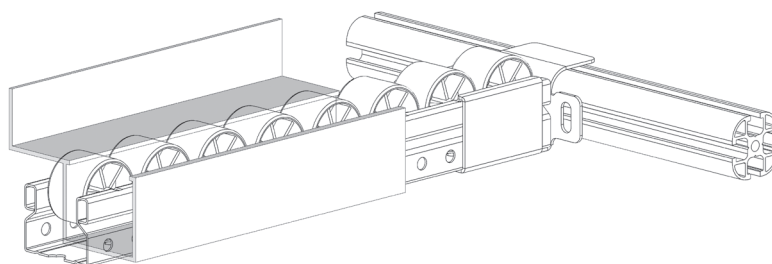
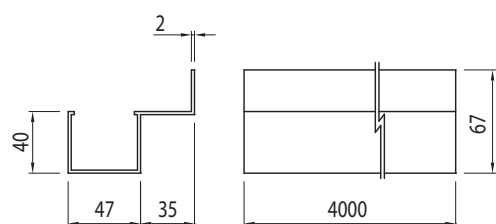
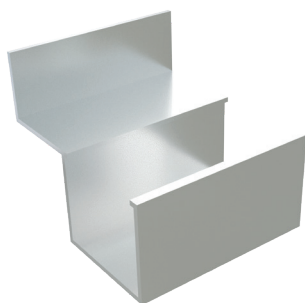
SPONDA CENTRALE
GUÍA CENTRAL
BORD CENTRAL
MITTELWAND

Cod	Note	Kg/m
015.200.009	4 m bars - barre da 4 m - barras de 4 m - barres de 4 m - 4-m-Bahnen	0,75

**SIDE PLASTIC PROFILE**

SPONDA LATERALE
GUÍA LATERAL
BORD LATÉRAL
SEITENWAND

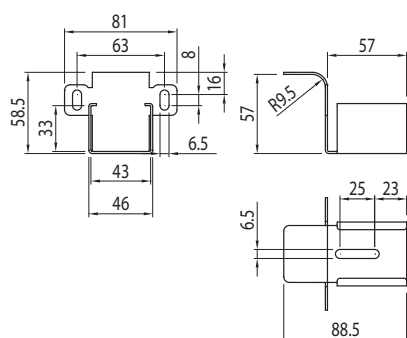
Cod	Note	Kg/m
015.200.010	4 m bars - Barre da 4 m - Barras de 4 m - Barres de 4 m - 4-m-Bahnen	0,70



BRACKET WITH INTEGRATED STOP

STAFFA CON FERMO INTEGRATO
ESTRIBO CON RETÉN INTEGRADO
BRIDE AVEC ARRÊT INTÉGRÉ
BÜGEL MIT INTEGRIERTER SPERRE

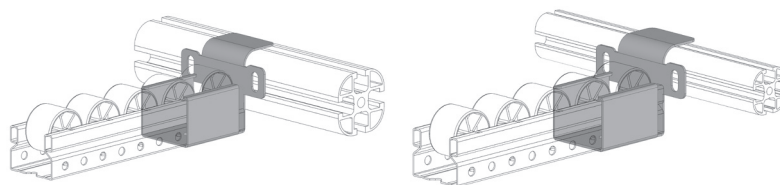
AC 8 45 AC 6 30



Cod	Note	g
800.029.149	Can be fixed to 30x30 45x45 profile - Fissabile al profilo 30x30 45x45 - Para fijar al perfil 30x30 45x45 - Fixable au profilé 30x30 45x45 - Befestigung an Profil 30x30 45x45 möglich	163

Galvanised steel

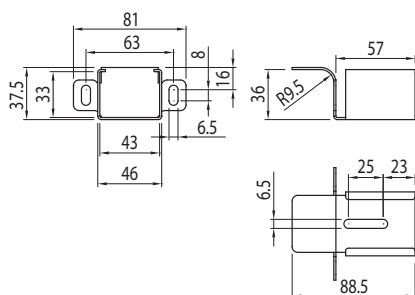
Acciaio zincato
Acero galvanizado
Acier zingué
Verzinkter Stahl



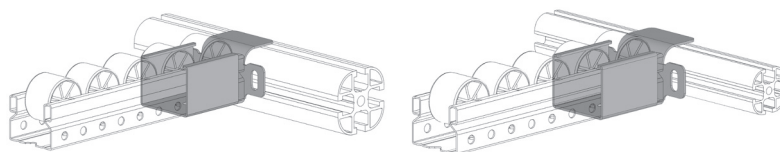
STANDARD BRACKET

STAFFA STANDARD
ESTRIBO ESTÁNDAR
BRIDE STANDARD
STANDARD-BÜGEL

AC 8 45 AC 6 30



Cod	Note	g
800.029.150	Can be fixed to 30x30 45x45 profile - Fissabile al profilo 30x30 45x45 - Para fijar al perfil 30x30 45x45 - Fixable au profilé 30x30 45x45 - Befestigung an Profil 30x30 45x45 möglich	156





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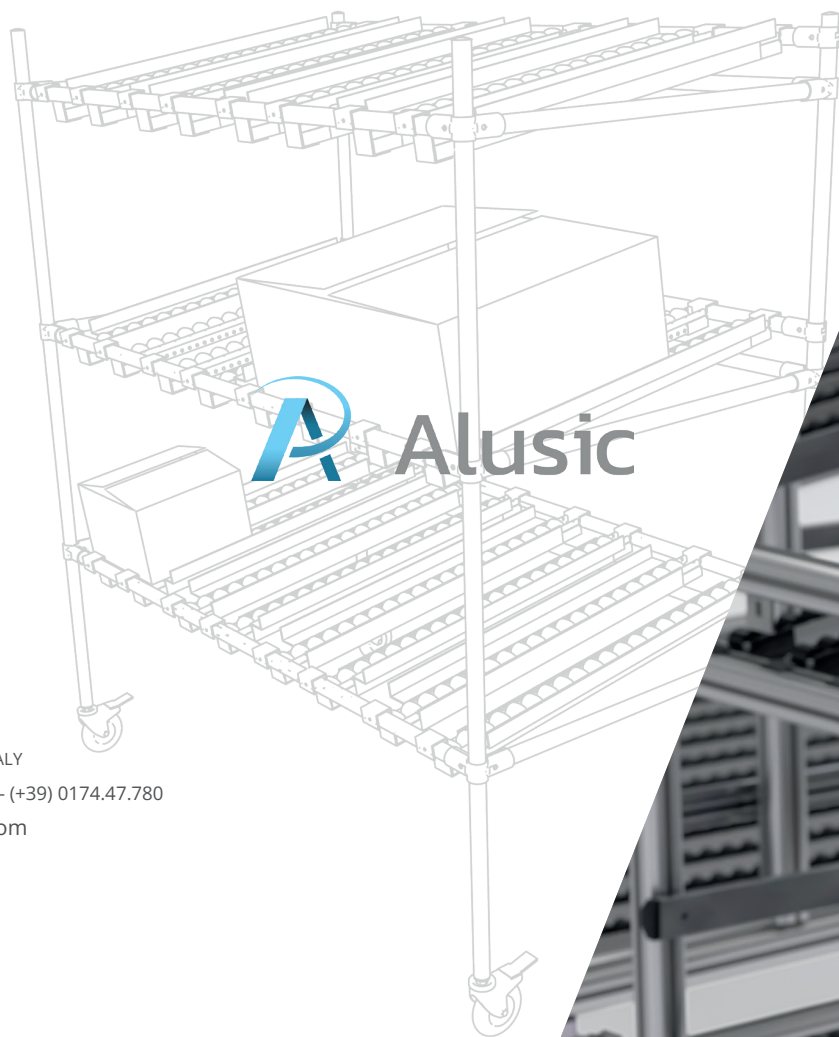
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