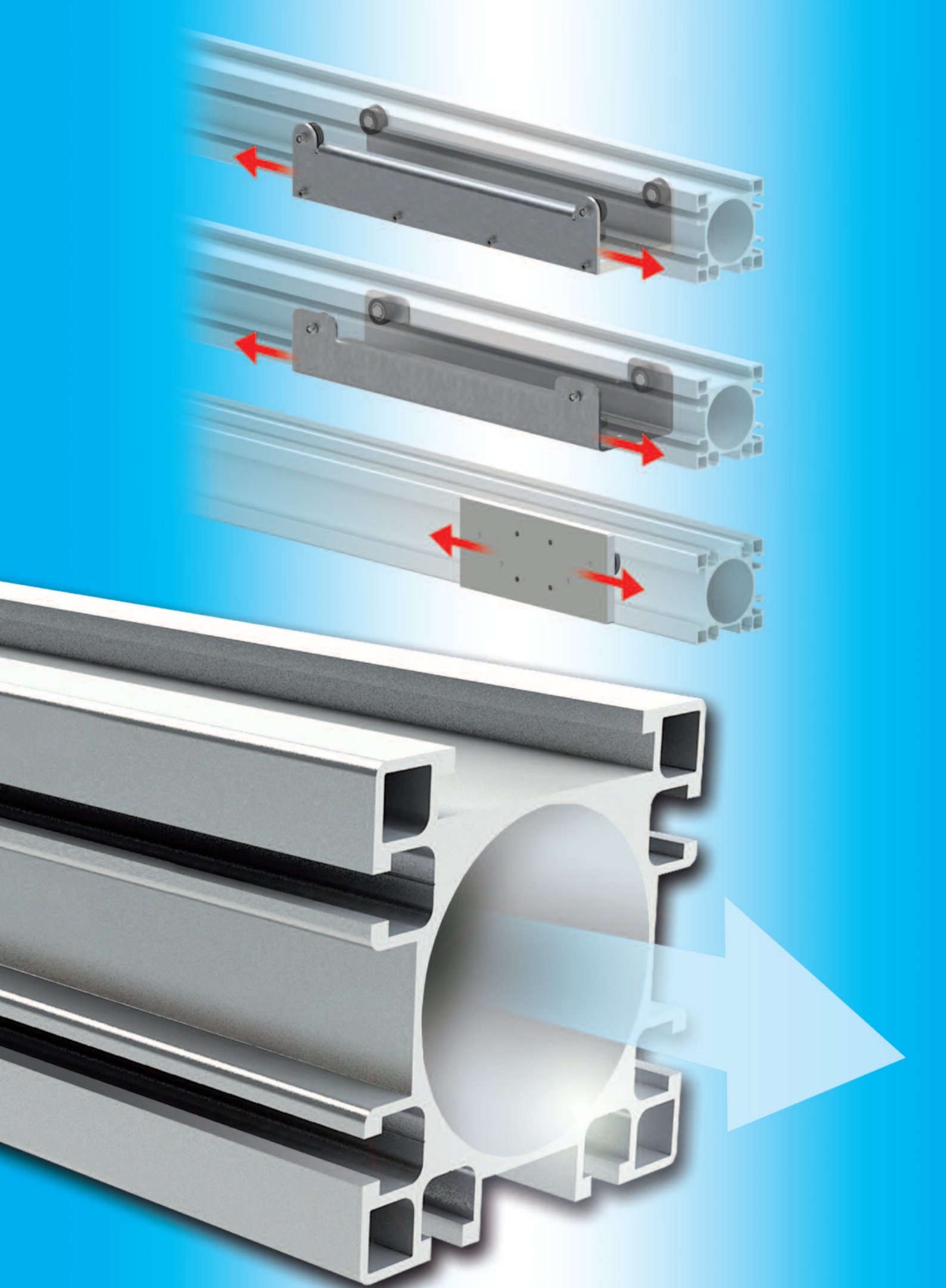




MECHANICAL MULTIFUNCTION LINE



SICOALU1





The Mechanical Multifunctional line **SicoALU1** represents the ideal solution for structural applications and compressed air distribution. The system is based on a 90x90 mm extruded aluminium profile (EN-AW 6060 alloy, metallurgical State T6) with a central pipe having a diameter of 63 mm. Thanks to the standard side grooves of all Sicomat aluminium profiles, it is possible to use of a wide range of trolleys and support and fastening structures.

The profile and all aluminium parts of the system are supplied with natural colour anodizing, class 12 µm, having guaranteed durability. The line offers a large pipe and reduced surface roughness to minimise pressure drops. Combined with the **SicoAIR** and **SicoALU2**, this solution is able to meet every need of compressed air distribution.



La Linea Meccanica Multifunzionale **SicoALU1** rappresenta la soluzione ideale per applicazioni sia strutturali che di distribuzione aria compressa. Il sistema è basato su di un profilo in alluminio estruso 90x90 mm (lega EN-AW 6060 stato metallurgico T6) dotato di condotto centrale diametro 63 mm. Grazie alle cave laterali standard di tutti i profili in alluminio Sicomat, permette l'utilizzo di una molteplice varietà di carrelli e strutture di appoggio e fissaggio.

Il profilo e tutte le parti in alluminio del sistema vengono fornite con anodizzazione in colore naturale, classe 12 µm, garanzia di durabilità nel tempo. La linea offre un condotto ampio e dalla ridotta scabrezza superficiale in grado di ridurre al minimo le perdite di carico. Abbinato al **SicoAIR** e al **SicoALU2** consente di risolvere qualsiasi necessità nel trasporto dell'aria compressa.



La Línea Mecánica Multifuncional **SicoALU1** representa la solución ideal para aplicaciones estructurales y de distribución de aire comprimido. Los sistemas se basan en perfiles de aluminio extruido 90x90 mm (aleación EN AW 6060 estado metalúrgico T6) dotados de un conducto central Ø 63 mm. Gracias a las ranuras laterales estándar de todos los perfiles de aluminio Sicomat, se puede utilizar una gran variedad de carros y estructuras de apoyo y fijación.

El perfil y todas las partes de aluminio del sistema se suministran con anodización de color natural, clase 12 µm, que garantiza la durabilidad. La línea ofrece un conducto amplio y de escasa rugosidad superficial que reduce al máximo las pérdidas de carga. Combinándose con el **SicoAIR** y el **SicoALU2** permite solucionar cualquier necesidad de transporte del aire comprimido.



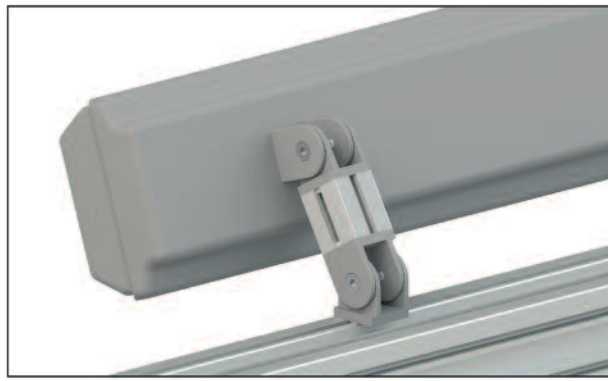
La ligne mécanique multifonctionnelle **SicoALU1** représente la solution idéale pour les applications aussi bien de type structurel que de distribution d'air comprimé. Le système repose sur un profil en aluminium extrudé de 90 x 90 mm (alliage EN-AW 6060 état métallurgique T6) doté d'un conduit central de 63 mm de diamètre. Grâce aux creux latéraux standard de tous les profils en aluminium Sicomat, elle permet l'utilisation d'une très grande variété de chariots et structures d'appui et de fixation.

Le profil ainsi que toutes les pièces en aluminium du système sont fournis avec anodisation couleur naturelle, classe 12 µm, soit une garantie de durabilité dans le temps. La ligne offre un conduit ample et une faible rugosité superficielle afin de réduire au minimum les pertes de charge. Associée au **SicoAIR** et au **SicoALU2**, elle permet de résoudre n'importe quel besoin de transport d'air comprimé.



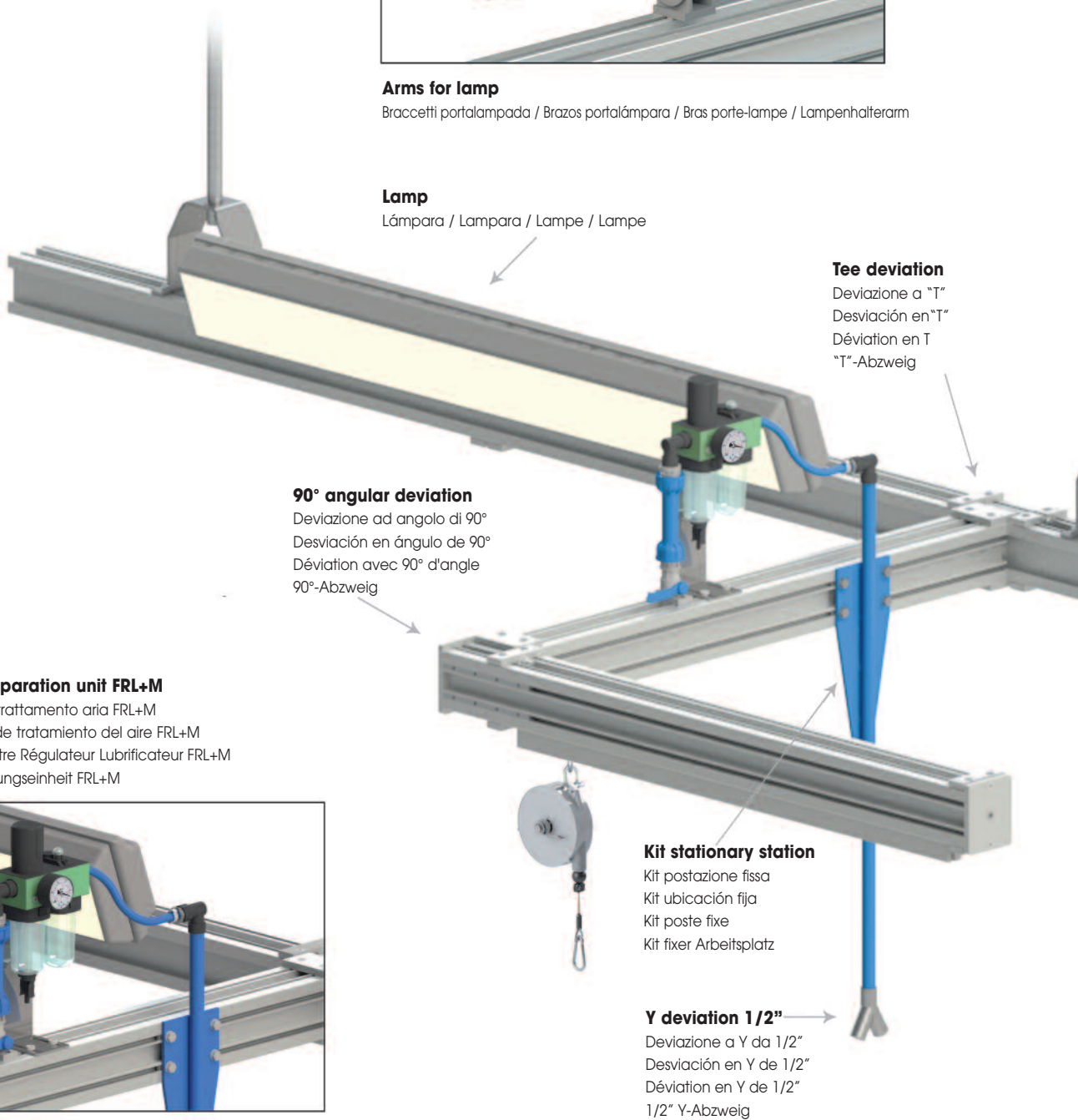
Die mechanische Mehrzwecklinie **SicoALU1** ist die ideale Lösung sowohl für strukturelle als auch für druckluftverteilungsbezogene Anwendungen. Das System beruht auf einem stranggepressten Aluminiumprofil 90x90 mm (EN-AW 6060 Legierung metallurgischer Zustand T6), das mit einer Zentralleitung Durchmesser 63 mm ausgestattet ist. Dank der serienmäßigen seitlichen Nuten bei allen Sicomat Aluminiumprofilen lassen sich verschiedenste Schlitten sowie Auflage- und Befestigungsstrukturen verwenden.

Das Profil und alle Aluminiumteile des Systems sind mit Anodisierung im Naturton, Klasse 12 µm, Haltbarkeitsgarantie geliefert. Die Linie bietet eine breite Leitung mit reduzierten Oberflächenrauigkeit zur Minderung von dem Druckabfall. In Kombination mit **SicoAIR** und **SicoALU2** stellt Sicoalu1 die Lösung für jeden Bedarf in der Druckluftverteilung dar.



Arms for lamp

Braccetti portalamпада / Brazos portálámpara / Bras porte-lampe / Lampenhalterarm



Lamp

Lámpara / Lampara / Lampe / Lampe

Tee deviation

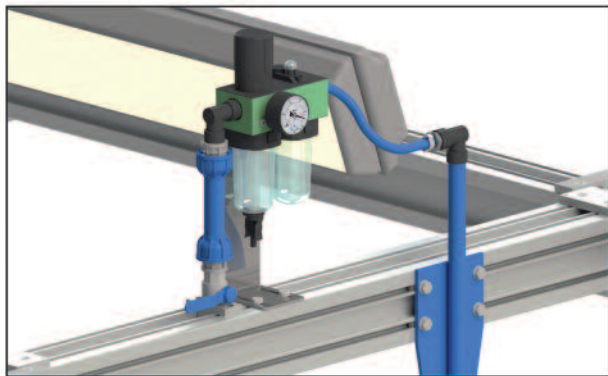
Deviazione a "T"
Desviación en "T"
Déviation en T
"T"-Abzweig

90° angular deviation

Deviazione ad angolo di 90°
Desviación en ángulo de 90°
Déviation avec 90° d'angle
90°-Abzweig

Air intake with air preparation unit FRL+M

Presă airă cu grupă de tratament aer FRL+M
Toma de aire con grupo de tratamiento del aire FRL+M
Bride de piquage avec Filtre Régulateur Lubrificateur FRL+M
Abzweig-flansch mit Wartungseinheit FRL+M



Kit stationary station

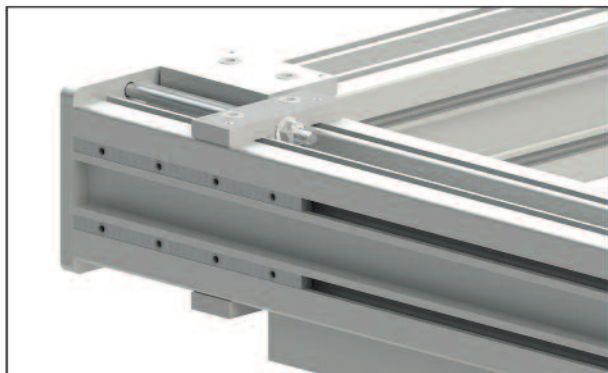
Kit postazione fissa
Kit ubicación fija
Kit poste fixe
Kit fixer Arbeitsplatz

Y deviation 1/2"

Deviazione a Y da 1/2"
Desviación en Y de 1/2"
Déviation en Y de 1/2"
1/2" Y-Abzweig

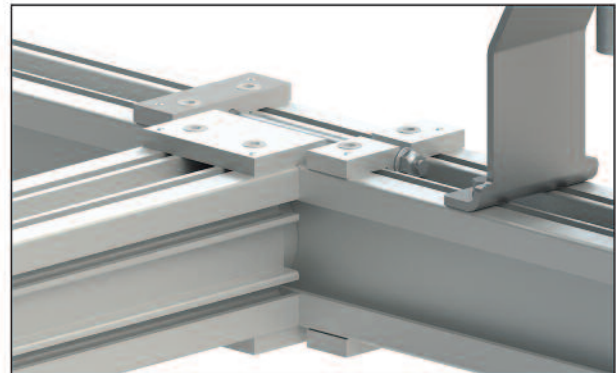
90° angular deviation / Deviazione ad angolo di 90°

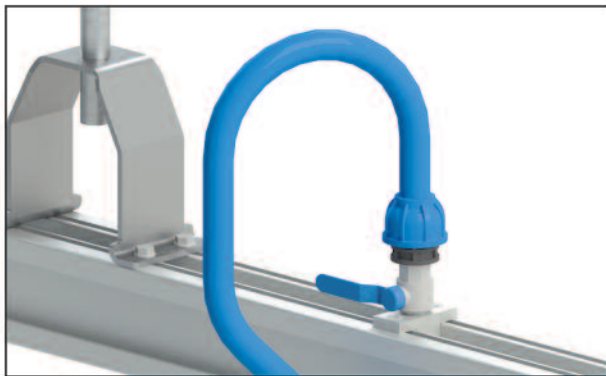
Desviación en ángulo de 90° / Déviation avec 90° d'angle / 90°-Abzweig



Tee joint

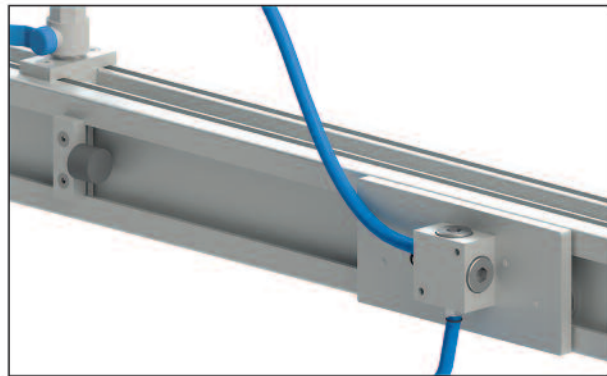
Giunto a "T" / Junta en "T" / Joint en T / "T"-Stück





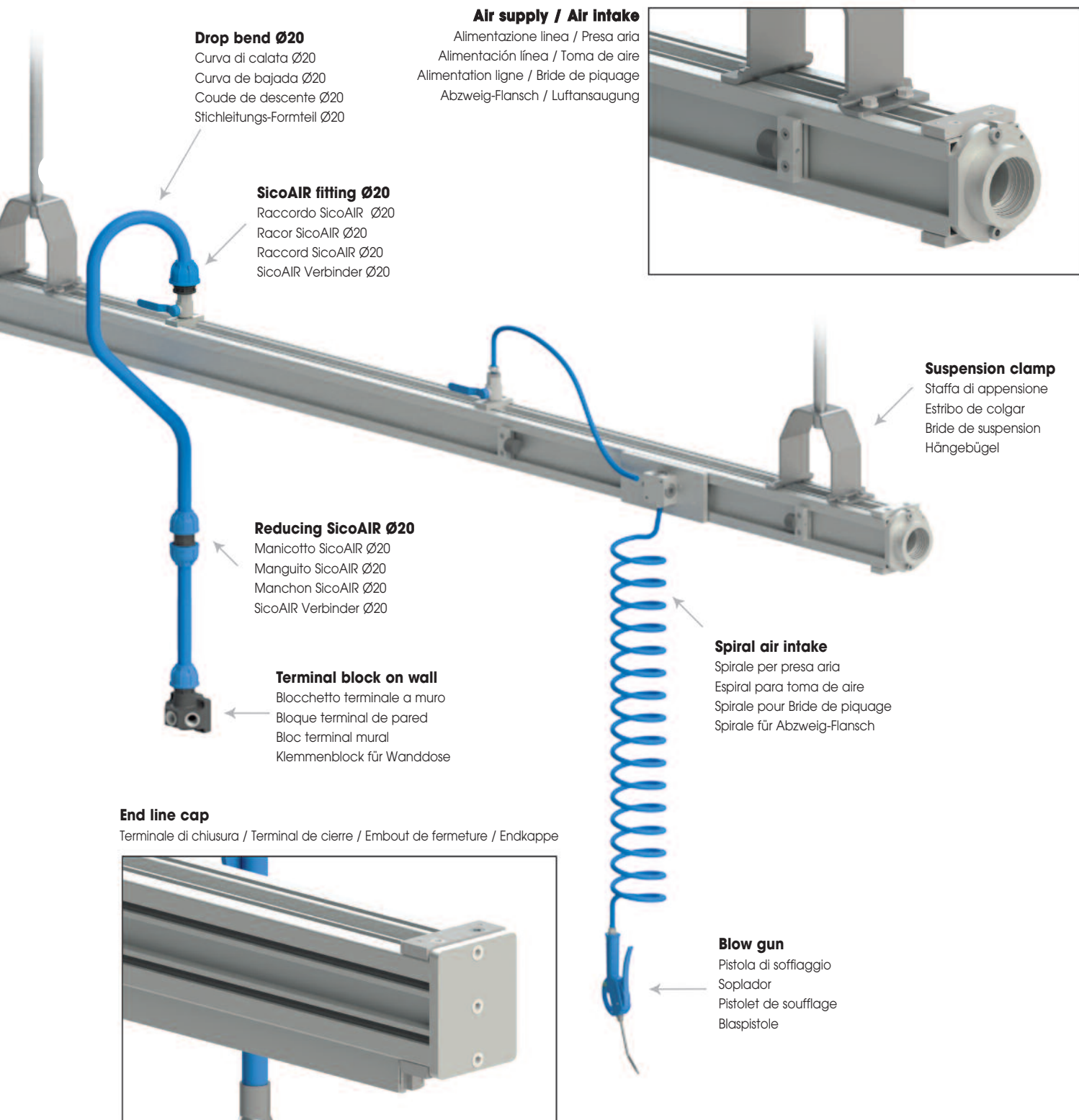
Air intake 1/2"

Preso aria da 1/2" / Toma de aire de 1/2" / Bride de piquage de 1/2" / Abzweig-Flansch 1/2"



Trolley

Carrello / Carro / Chariot / Schliffen



Drop bend Ø20

Curva di calata Ø20
Curva de bajada Ø20
Coude de descente Ø20
Stichleitungs-Formteil Ø20

SicoAIR fitting Ø20

Raccordo SicoAIR Ø20
Racor SicoAIR Ø20
Raccord SicoAIR Ø20
SicoAIR Verbinder Ø20

Reducing SicoAIR Ø20

Manicotto SicoAIR Ø20
Manguito SicoAIR Ø20
Manchon SicoAIR Ø20
SicoAIR Verbinder Ø20

Terminal block on wall

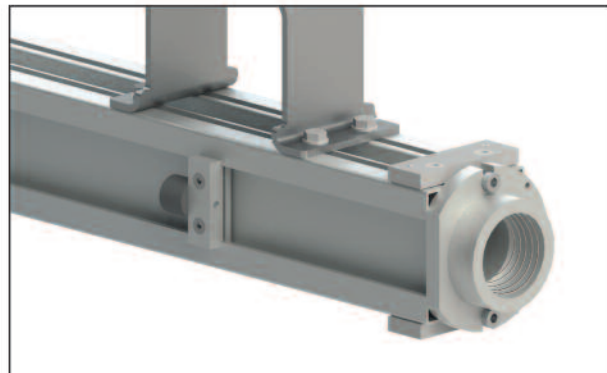
Blocchetto terminale a muro
Bloque terminal de pared
Bloc terminal mural
Klemmenblock für Wanddose

End line cap

Terminale di chiusura / Terminal de cierre / Embout de fermeture / Endkappe

Air supply / Air Intake

Alimentazione linea / Presa aria
Alimentación línea / Toma de aire
Alimentation ligne / Bride de piquage
Abzweig-Flansch / Luftansaugung



Suspension clamp

Staffa di appensione
Estribo de colgar
Bride de suspension
Hängebügel

Spiral air intake

Spirale per presa aria
Espiral para toma de aire
Spirale pour Bride de piquage
Spirale für Abzweig-Flansch

Blow gun

Pistola di soffiaggio
Soplador
Pistolet de soufflage
Blaspistole

ALUMINIUM FOR AIR DISTRIBUTION PROFILE

PROFILO IN ALLUMINIO TRASPORTO ARIA
 PERFIL DE ALUMINIO TRANSPORTE DE AIRE
 PROFIL EN ALUMINIUM TRANSPORT D'AIR
 ALUMINIUMPROFIL FÜR LUFTBEFÖRDERUNG

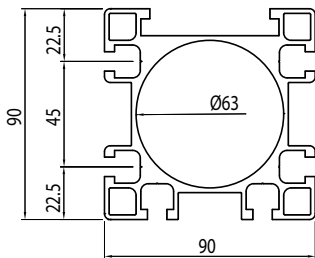
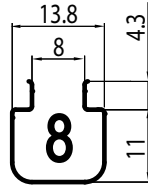
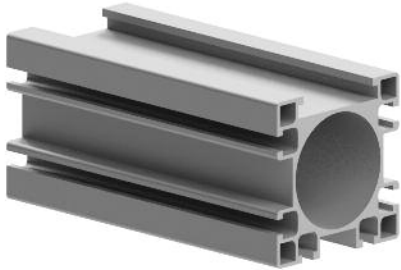
Code	lx cm ⁴	ly cm ⁴	wx cm ³	wy cm ³	mm ²	(kg/m)
800.024.063	158,08	154,77	35,13	34,39	1763	4,76

Anodized aluminium

Alluminio anodizzato / Aluminio adonizado / Aluminium anodisé / Eloxiertes Aluminium

Bar length 6,040 m

Lunghezza barra / Longitud de la barra / Longueur barre / Stangenlänge



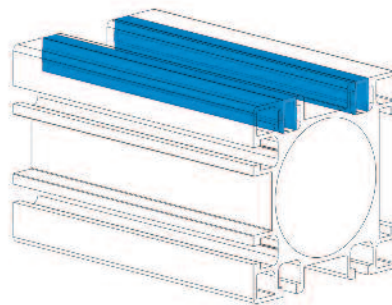
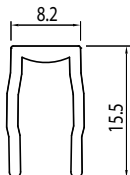
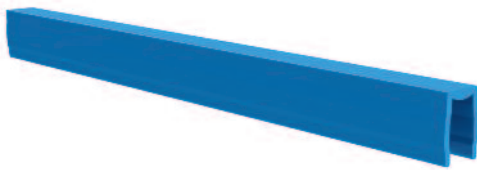
SLOT GRIPPING PROFILE

PROFILO CHIUSURA CAVA
 PERFIL DE CIERRE RANURA
 PROFIL FERMETURE CREUSE
 ABSCHLUSSHOHLPROFIL

Code	Description	(g)
084.203.006	Rigid gripping profile for slot 8 mm Perfilo rígido chiusura cava 8 mm Perfil rígido cierre ranura 8 mm Profile rigide fermeture creuse 8 mm Starres Abschlusshohlprofil 8 mm	180

Rigid blue PVC

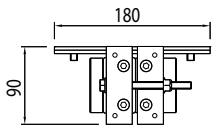
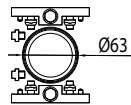
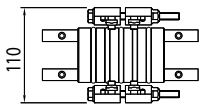
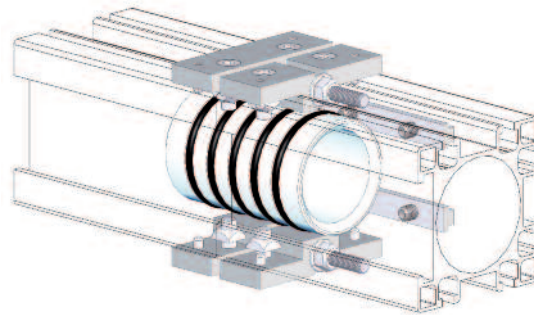
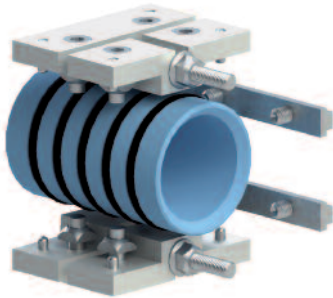
PVC rígido blu / PVC rígido azul / PVC rigide bleu / Starres PVC blau



LINEAR JOINT

GIUNZIONE LINEARE
 JUNTA LINEAL
 JONCTION LINÉAIRE
 GERADER VERBINDER

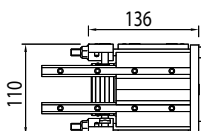
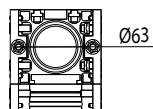
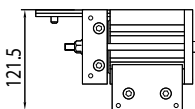
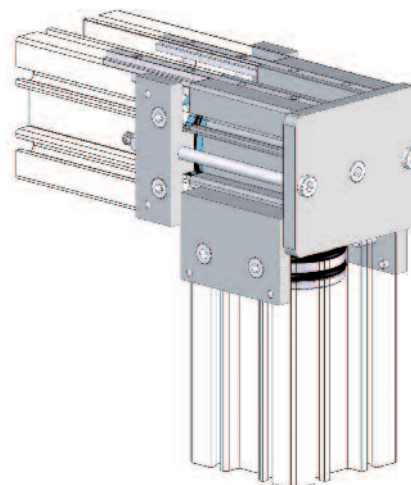
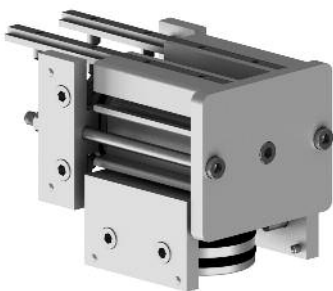
Code	Description	(g)
800.024.205	Linear joint between two profiles Giunzione lineare tra due profili Junta lineal entre dos perfiles Jonction linéaire entre deux profils Gerader Verbinder zwischen zwei Profilen	860



90° JOINT

GIUNZIONE A 90°
 JUNTA 90°
 JONCTION À 90°
 WINKEL 90°

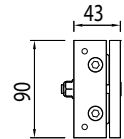
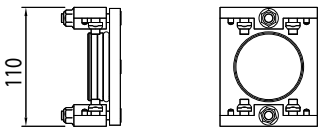
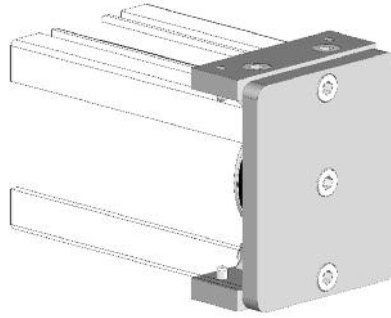
Code	Description	(g)
800.024.206	2 ways orthogonal joint Giunzione ortogonale 2 vie Junta ortogonal 2 vías Jonction orthogonale à 2 voies Rechteckige 2-Wege-Verbindung	1590



END LINE CAP

TERMINALE DI CHIUSURA
 TERMINAL DE CIERRE
 EMBOUT DE FERMETURE
 ENDKAPPEN

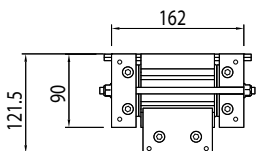
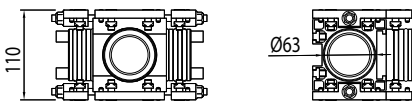
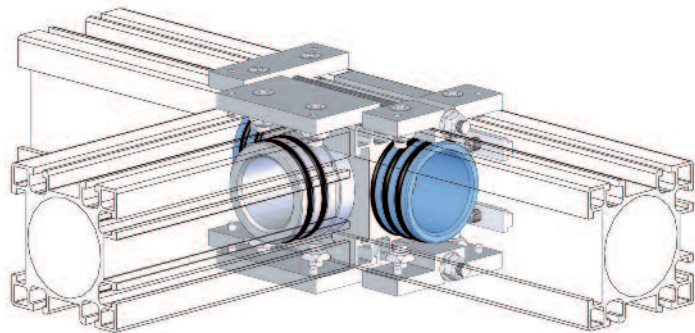
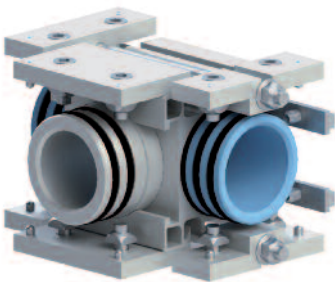
Code	Description	(g)
800.024.202	End line cap Tappo di chiusura linea Tapón de cierre línea Bouchon de fermeture ligne Leitungsstopfen	440



"TEE" FITTING

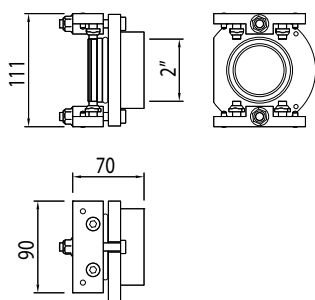
DERIVAZIONE A "T"
 DERIVACIÓN EN "T"
 DÉRIVATION EN "T"
 "T"-ABZWEIG

Code	Description	(g)
800.024.201	3 ways orthogonal joint Giunzione ortogonale 3 vie Junta ortogonal 3 vías Jonction orthogonale à 3 voies Rechteckige 3-Wege-Verbindung	1880

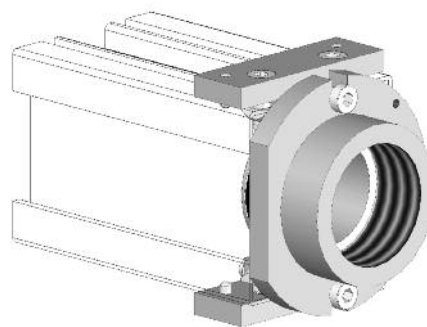


SUPPLY

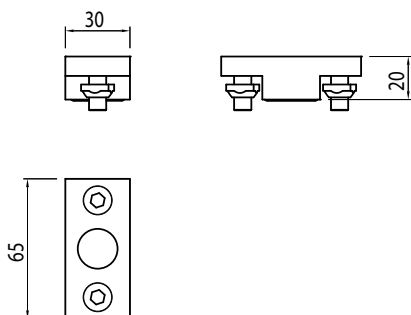
ALIMENTAZIONE
ALIMENTACIÓN
ALIMENTATION
LUFTVERSORGUNGS



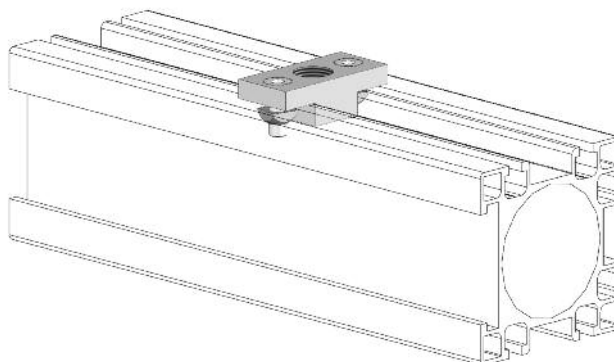
Code	Description	(g)
800.024.203	Compressed air supply Alimentazione aria compressa Alimentación aire comprimido Alimentation en air comprimé Druckluftversorgung	630

**1/2" AIR FITTING**

ATTACCO ARIA 1/2"
CONEXIÓN AIRE 1/2"
RACCORD AIR 1/2"
LUFTANSCHLUSS 1/2"

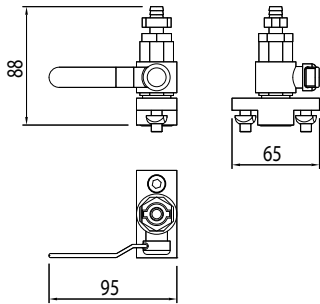
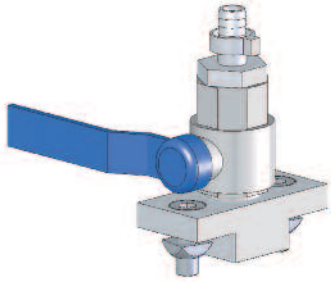


Code	Description	(g)
800.024.301	Intermediate plate for air intake Piastra per presa aria intermedia Placa para toma de aire intermedia Plaque pour Bride de piquage intermédiaire Platte für Abzweig-Flansch	90

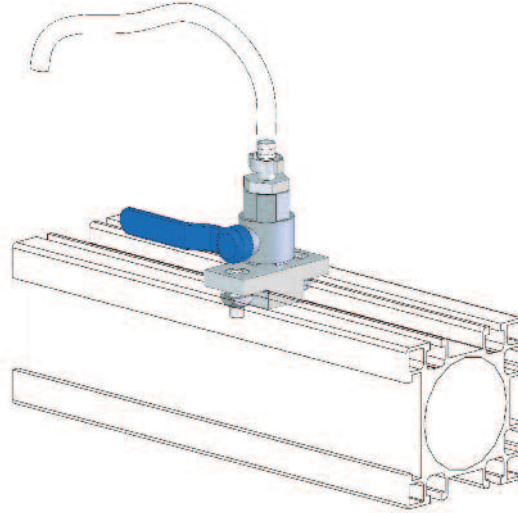


1/2" AIR FITTING

ATTACCO ARIA 1/2"
 CONEXIÓN AIRE 1/2"
 RACCORD AIR 1/2"
 LUFTANSCHLUSS 1/2"

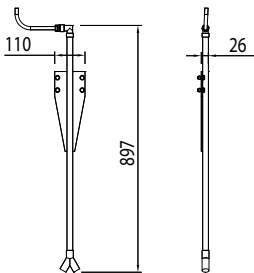


Code	Description	(g)
800.018.902	Intermediate plate for air intake completed with valve Piastra per presa aria intermedia completa di valvola Placa para toma de aire intermedia dotada de válvula Plaque pour bride de piquage intermédiaire avec bouchon Platte für Abzweig-Flansch samt Ventil	260



FIXED STATION FITTING

ATTACCO ARIA POSTAZIONE FISSA
 CONEXIÓN AIRE UBICACIÓN FIJA
 RACCORD AIR POSTE FIXE
 LUFTANSCHLUSS FIXER ARBEITSPLATZ

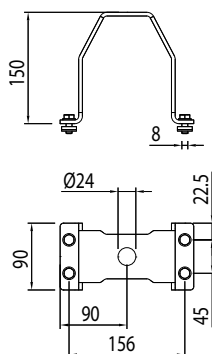


Code	Description	(g)
800.018.590	Fixed station with 2 distribution of compressed air Postazione fissa con 2 distribuzioni di aria compressa Ubicación fija con 2 distribuciones de aire comprimido Poste fixe avec 2 distributions d'air comprimé Fixer Arbeitsplatz mit 2 Druckluftverteilungen	2150

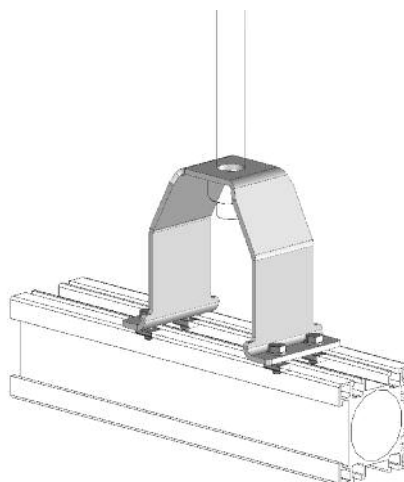


SUSPENSION

STAFFA APPENSIONE
ESTRIBO DE COLGAR
BRIDE DE SUSPENSION
HÄNGEBÜGEL

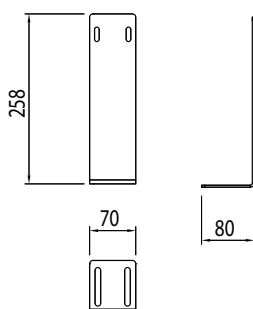


Code	Description	(g)
800.024.204	Suspension clamp Staffa di appensione Estribo de colgar Bride de suspension Hängebügel	1200

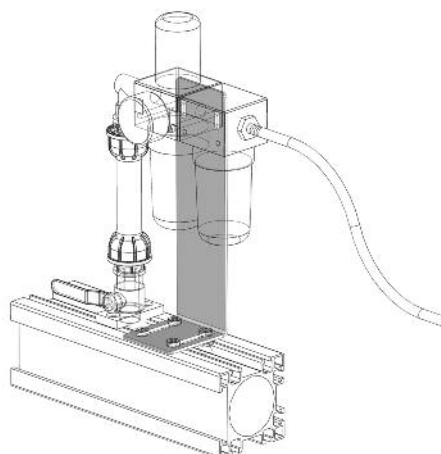


CLAMP FOR FRL

STAFFA PER FRL
SOPORTE PARA FRL
CLIP POUR FRL
BÜGEL FÜR FRL



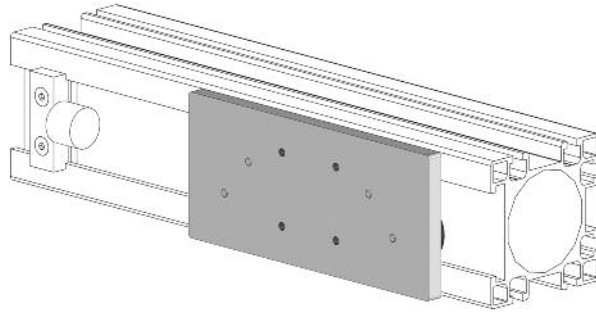
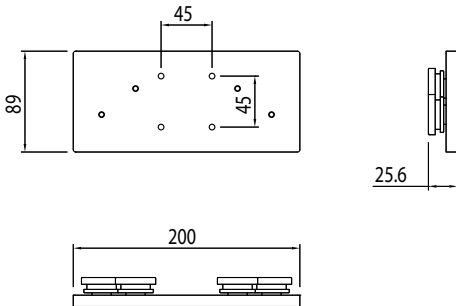
Code	Description	(g)
800.018.070	Fixing clamp for FRL group Staffa di fissaggio per il gruppo FRL Abrazadera de fijación para el grupo FRL Clip de fixation pour le groupe FRL Befestigungsbügel für die FRL-Gruppe	570



SLIDING TROLLEY

CARRELO SCORREVOLE
CARRO DESPLAZABLE
CHARIOT COULISSANT
GLEITSCHLITTEN

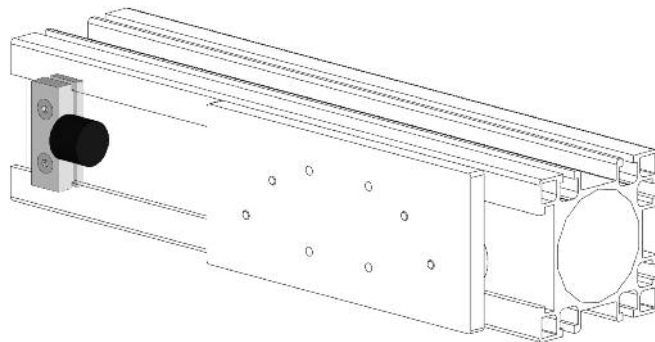
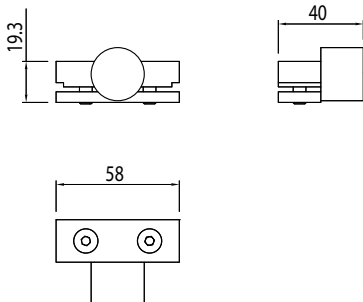
Code	Description	(g)
800.024.207	Aluminium trolley for tools Carrello in alluminio per utensili Carro de aluminio para herramientas Chariot en aluminium pour outils Schlitten aus Aluminium für Werkzeuge	550



STOP TROLLEY

FERMO CARRELO
TOPE CARRO
BUTÉE CHARIOT
SCHLITTENFESTSTELLER

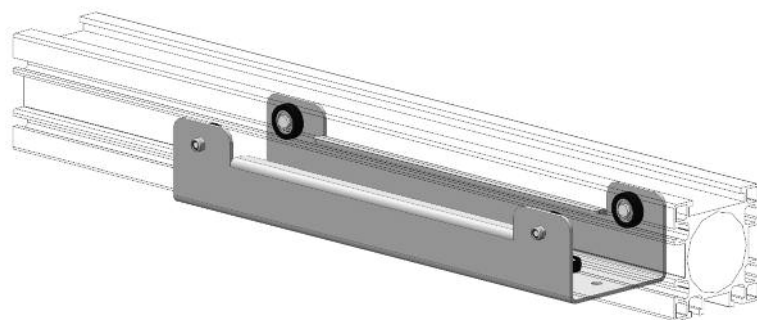
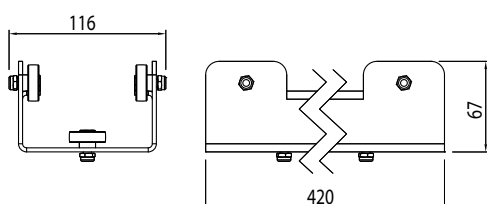
Code	Description	(g)
800.024.208	Adjustable stop for trolley Fermo regolabile per carrello Tope regulable para carro Butée réglable pour chariot Verstellbarer Schlittenfeststeller	130



INTEGRAL TROLLEY

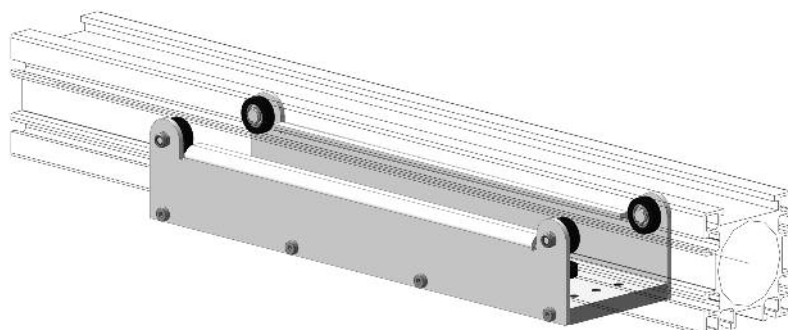
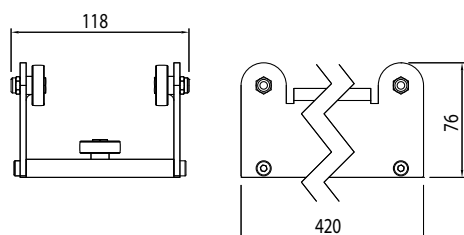
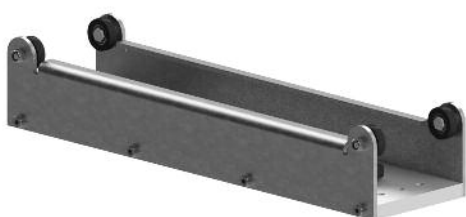
CARRELLO INTEGRALE
CARRO INTEGRAL
CHARIOT INTÉGRAL
VOLLSCHLITTEN

Code	Description	(g)
800.024.209	Steel trolley for tools Carrello in acciaio per utensili Carro de acero para herramientas Chariot en acier pour outils Schlitten aus Stahl für Werkzeuge	2150

**MOUNTABLE TROLLEY**

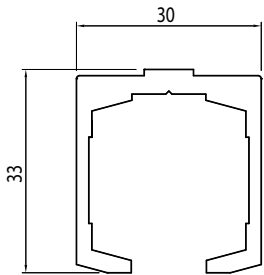
CARRELLO MONTABILE
CARRO MONTABILE
CHARIOT MONTABLE
MONTIERBARER SCHLITTEN

Code	Description	(g)
800.024.210	Steel and aluminium trolley for tools Carrello in acciaio e alluminio per utensili Carro de acero y aluminio para herramientas Chariot en acier et aluminium pour outils Schlitten aus Stahl und Aluminium für Werkzeuge	4500



GUIDE FOR TROLLEYS

GUIDA PER CARRELLI
GUÍA PARA CARROS
GUIDE POUR CHARIOTS
SCHLITTENFÜHRUNG



Code	Ix cm ⁴	Iy cm ⁴	wx cm ³	wy cm ³	mm ²	(g)
084.101.039	3,67	3,67	2,5	2,5	761	760

Anodized aluminium

Alluminio anodizzato / Aluminio adonizado / Aluminium anodisé / Eloxiertes Aluminium

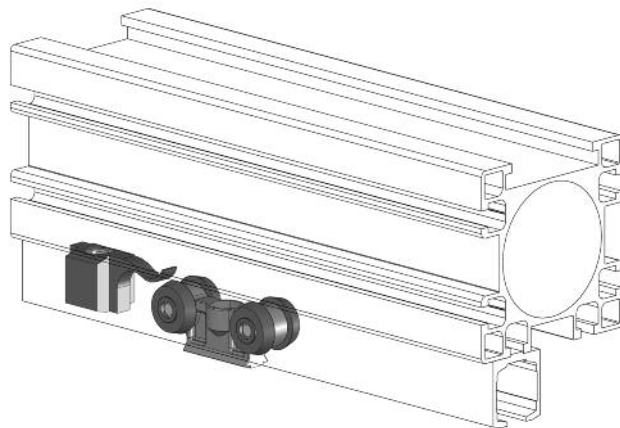
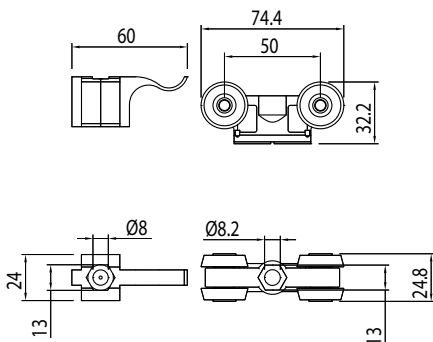
Bar length 6,040 m

Lunghezza barra / Longitud de la barra / Longueur barre / Stangenlänge

SLIDING TROLLEY

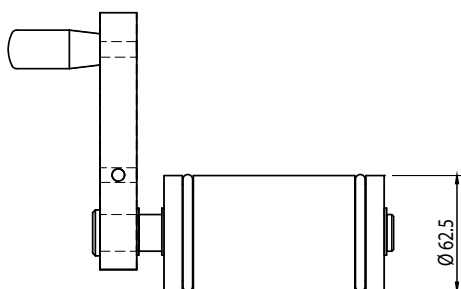
CARRELLO SCORREVOLE
CARRO DESPLAZABLE
CHARIOT COULISSANT
GLEITSCHLITTEN

Code	Description	(g)
084.535.001	Sliding trolley with independent wheels with end stop Carrello scorrevole completo di fine corsa con ruote indipendenti Carro desplazable dotado de final de carrera con ruedas independientes Chariot coulissant avec butée et roulettes indépendantes Gleitschlitten samt Endlage mit unabhängigen Rädern	65



CHAMFERING TOOL

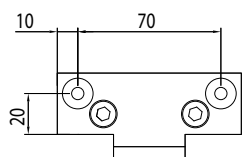
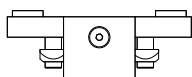
SVASATORE PER PROFILO
 AVELLANADOR PARA PERFIL
 APPAREIL À ÉVASER POUR PROFIL
 SPITZSENKER FÜR PROFIL



Code	Description	(g)
800.018.045	Chamfering tool for 800.024.063 profile D 63 mm hole Svasatore per foro D 63 mm del profilo 800.024.063 Avellanador para orificio D 63 mm del perfil 800.024.063 Appareil à évaser pour trou de 63 mm de diam. pour profil 800.024.063 Spitzsenker für Bohrung D 63 mm des Profils 800.024.063	2700

DRILLING MASK

MASCHERA DI FORATURA
 PLANTILLA DE PERFORACIÓN
 MASQUE DE PERÇAGE
 BOHRMASKE



Code	Description	(g)
800.018.025	Drilling mask for profile Maschera di foratura per profilo Plantilla de perforación para perfil Masque de perçage pour profil Bohrmaskе für Profil	150