



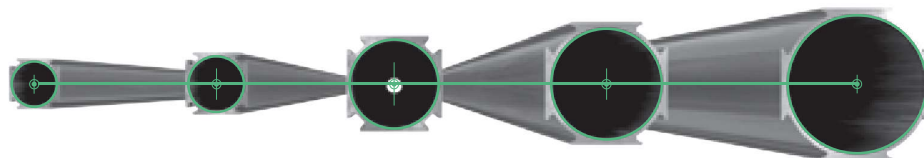
SA SERIES

HIGH PERFORMANCE SQUARE PIPES SYSTEM

SISTEMA CON TUBI QUADRATI AD ALTE PRESTAZIONI
SISTEMA DE ALTO RENDIMIENTO CON TUBOS CUADRADOS
SYSTÈME DE HAUTE PERFORMANCE AVEC TUBES CARRÉS
HOHE LEISTUNGSSYSTEM MIT QUADRATISCHEN ROHREN

**SUMMARY TABLE**

TAVOLA DI SINTESI / TABLA DE RESUMEN
TABLE DE SYNTHÈSE / ÜBERSICHTSTABELLE

**Collinear centre distance**

Interasse collineare / Distancia entre ejes colineal
Entraxe colinéaire / kollinearer Achsabstand

**Identical fastening system for several figures**

Sistema di fissaggio uguale per più figure
Sistema de fijación igual para distintas figuras
Système de fixation identique pour plusieurs figures
Gleiches Befestigungssystem für mehrere Formen

**Identical fastening system for several sizes**

Sistema di fissaggio uguale per più misure
Sistema de fijación igual para distintas medidas
Système de fixation identique pour plusieurs dimensions
Gleiches Befestigungssystem für mehrere Größen



Interlocking fixing brackets
Staffe di supporto a incastro
Estribos de soporte con fijación por encaje
Brides de support à emboîtement
Klemmhalterbügel

Joint with 3 O-rings
Giunti a 3 O-Ring
Unión con 3 juntas tóricas
Raccord à 3 joints toriques
Kupplung mit 3 O-Ringen

Seal system with stainless steel teeth
Sistema di tenuta con denti in acciaio inox
Sistema de retención con dientes de acero inoxidable
Système de fixation avec dents en acier inox
Dichtungssystem mit Edelstahlzähnen





The **SA Series** constitutes the ideal solution for the construction of small and large compressed air distribution lines. The systems are based on extruded aluminium profiles (EN AW 6060 alloy T6 temper). Sizes available (diameter of central hole) 20 – 25 – 40 – 50 – 63. The reduced surface roughness of the internal passage minimises loss of head distributed along the line. Can be combined with Alusic's other lines, such as the traditional SR Series or the multi-functional S2 Series, accommodating all possible needs for carrying and using compressed air.



La **SA Series** rappresenta la soluzione ideale per la realizzazione di piccole e grandi linee di distribuzione di aria compressa. I sistemi sono basati su profili in alluminio estruso (lega EN AW 6060 stato metallurgico T6). Misure disponibili (diametro foro centrale) 20 – 25 – 40 – 50 – 63. La ridotta scabrezza superficiale del passaggio interno riduce al minimo le perdite di carico distribuite sulla linea. Abbinata alle altre linee Alusic, come il tradizionale SR Series o al multifunzionale S2 Series, consente di risolvere qualunque necessità si debba affrontare nel trasporto e nell'utilizzo dell'aria compressa.



La **SA Series** es la solución ideal para la realización de líneas de distribución de aire comprimido pequeñas y grandes. Los sistemas se basan en perfiles de aluminio extrusionado (aleación EN AW 6060, estado metalúrgico T6). Medidas disponibles (diámetro del orificio central) 20 – 25 – 40 – 50 – 63. La reducida rugosidad superficial del paso interior reduce al mínimo las pérdidas de carga distribuidas a través de la línea. Combinables con las otras líneas Alusic, como el tradicional SR Series o el multifuncional S2 Series, permiten resolver cualquier necesidad que se deba afrontar para el transporte y el uso del aire comprimido.



La **SA Series** est la solution idéale pour les petites et grandes lignes de distribution d'air comprimé. Les systèmes sont basés sur des profils en aluminium extrudé (alliage EN AW 6060 état métallurgique T6). Dimensions disponibles (diamètre du trou central) 20 – 25 – 40 – 50 – 63. La rugosité de surface réduite du passage interne minimise les pertes de charge réparties sur la ligne. Combinées aux autres lignes Alusic, comme la traditionnelle SR Series ou la multifonctionnelle S2 Series, elles permettent de répondre à toutes les exigences en matière de transport et d'utilisation de l'air comprimé.



Die **SA Series** ist die ideale Lösung für kleine und große Druckluftverteilungsleitungen. Die Systeme basieren auf stranggepressten Aluminiumprofilen (Legierung EN AW 6060, metallurgischer Zustand T6). Verfügbare Größen (Mittellochdurchmesser) 20 - 25 - 40 - 50 - 63. Geringere Oberflächenrauigkeit des inneren Durchgangs minimiert die Druckverluste über die Leitung. Kombiniert mit den anderen Alusic-Baureihen, wie dem traditionellen SR Series oder dem multifunktionalen S2 Series, erfüllen sie alle Anforderungen an den Drucklufttransport und -verwendung.

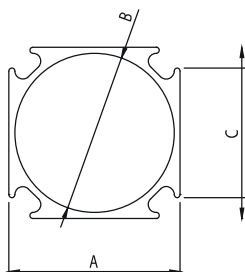
ALUMINIUM PROFILE FOR AIR DISTRIBUTION
 PROFILO IN ALLUMINIO TRASPORTO ARIA
 PERFIL DE ALUMINIO TRANSPORTE DE AIRE
 PROFIL EN ALUMINIUM TRANSPORT D'AIR
 ALUMINIUMPROFIL FÜR DRUCKLUFTVERTEILUNG



Code	Color	A	B	C	lx cm4	ly cm4	wx cm3	wy cm3	mm2	(kg/m)
AR023.023.020	Z	23	20	16,5	0,91	0,91	0,8	0,8	139	0,37
AR028.028.025	Z	28	25	21,5	2,13	2,13	1,52	1,52	214,1	0,58
AR043.043.040	Z	43	40	32,5	9,75	9,75	4,53	4,53	402	1,09
AR055.055.050	Z	55	50	32,5	19,93	19,93	7,38	7,38	545,4	1,48
AR069.069.063	Z	69	63	32,5	36,61	36,61	11,62	11,62	654,8	1,77
AR023.023.020G	G	23	20	16,5	0,91	0,91	0,8	0,8	139	0,37
AR028.028.025G	G	28	25	21,5	2,13	2,13	1,52	1,52	214,1	0,58
AR043.043.040G	G	43	40	32,5	9,75	9,75	4,53	4,53	402	1,09
AR055.055.050G	G	55	50	32,5	19,93	19,93	7,38	7,38	545,4	1,48
AR069.069.063G	G	69	63	32,5	36,61	36,61	11,62	11,62	654,8	1,77

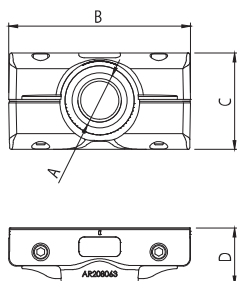
Bar length 6 m

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





AIR INTAKE
PRESA LATERALE
TOMA LATERAL
PRISE LATÉRALE
SEITLICHE BUCHSE



Code	A	B	C	D	E	(g)
AR208.020.038	3/8"	50,5	33	24		46,5
AR208.025.038	3/8"	50,5	38	24		53,5
AR208.025.012	1/2"	50,5	38	24		58
AR208.063.001	1"	100	53	31,5		129
AR208.063.012	1/2"	100	53	28,5		133

PA6+Fiberglass

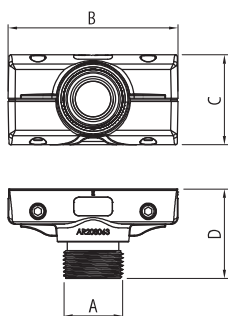
PA6+Fibra di vetro
PA6+Fibra de vidrio
PA6+Fibre de verre
PA6+Glasfaser
RAL 5015

AR208.063 can be used with Ø40-50 and 63

AR208.063 utilizzabili sui Ø40-50 e 63
AR208.063 apto para diámetros de Ø40-50 y 63
AR208.063 utilisables sur les Ø40-50 et 63
AR208.063 verwendbar für Ø40-50 und 63



AIR INTAKE
PRESA LATERALE
TOMA LATERAL
PRISE LATÉRALE
SEITLICHE BUCHSE



Code	A	B	C	D	E	(g)
AR209.063.001	1"	100	53	53		156,5
AR209.063.112	1"1/2	100	53	56		165

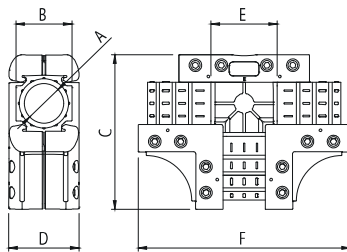
PA6+Fiberglass

PA6+Fibra di vetro
PA6+Fibra de vidrio
PA6+Fibre de verre
PA6+Glasfaser
RAL 5015

AR209.063 can be used with Ø40-50 and 63

AR209.063 utilizzabili sui Ø40-50 e 63
AR209.063 apto para diámetros de Ø40-50 y 63
AR209.063 utilisables sur les Ø40-50 et 63
AR209.063 verwendbar für Ø40-50 und 63




TEE DERIVATION KIT
 KIT DERIVAZIONE A T
 KIT DERIVACIÓN EN T
 KIT DÉRIVATION EN T
 KIT T-ABZWEIG


Code	A	B	C	D	E	F	(g)
AR214.020.020	15	23	70	33	31	116	174
AR214.025.025	19,5	28	87	38	36	121	258
AR214.040.040	30	43	118	54	53	163	524
AR214.050.050	44	55	131	53	63	163	650
AR214.063.063	52	69	145	53	77	189	753

PA6+Fiberglass

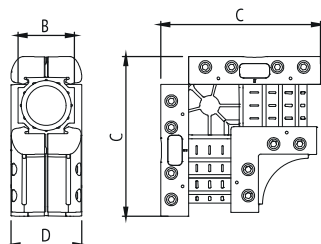
PA6+Fibra di vetro
 PA6+Fibra de vidrio
 PA6+Fibre de verre
 PA6+Glasfaser
RAL 7039/5015



Ø40-50-63-25



Ø20

90° JOINT KIT
 KIT GIUNTO 90°
 KIT UNIÓN 90°
 KIT JOINT 90°
 KIT 90°-KUPPLUNG


Code	A	B	C	D	E	(g)
AR213.020.020		23	70	33		93
AR213.025.025		28	75	38		299
AR213.040.040		43	122	53		485
AR213.050.050		55	130	53		520
AR213.063.063		69	138	53		597

PA6+Fiberglass

PA6+Fibra di vetro
 PA6+Fibra de vidrio
 PA6+Fibre de verre
 PA6+Glasfaser
RAL 7039/5015



Ø40-50-63-25

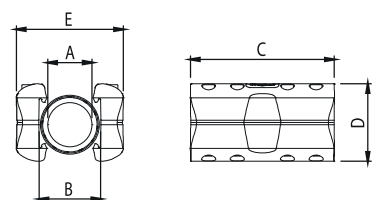


Ø20



STRAIGHT FITTING KIT

KIT MANICOTTO
KIT MANGUITO
KIT MANCHON
HÜSENSATZ



Code	A	B	C	D	E	(g)
AR210.020.020	15	22	50	38	34	55
AR210.025.025	20	26	60	38	39	60,5
AR210.040.040	30	43	100	53	75	167
AR210.050.050	41	54	100	53	84	266
AR210.063.063	52	66	100	53	98	316

PA6+Fiberglass

PA6+Fibra di vetro
PA6+Fibra de vidrio
PA6+Fibre de verre
PA6+Glasfaser
RAL 7039/5015

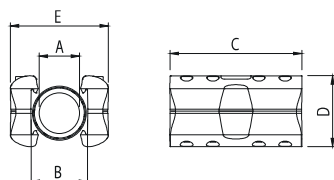


Ø40-50-63-25

Ø20

FEMALE SCREWED TERMINAL KIT

KIT TERMINALE FILETTATO FEMMINA
KIT TERMINAL ROSCADO HEMBRA
KIT ÉLÉMENT TERMINAL FILETÉ FEMELLE
KIT ENDSTÜCK MIT INNENGEWINDE



Code	A	B	C	D	E	(g)
AR201.020.038	3/8"	23	55	33	35	63
AR201.025.012	1/2"	28	55	38	53	119
AR201.040.001	1"	43	100	53	76	365
AR201.050.114	1"-1/4"	55	100	53	88	382
AR201.063.112	1"-1/2"	69	100	53	101	463

PA6+Fiberglass

PA6+Fibra di vetro
PA6+Fibra de vidrio
PA6+Fibre de verre
PA6+Glasfaser
RAL 7039/5015



Ø40-50-63-25

Ø20

**MALE SCREWED TERMINAL KIT**

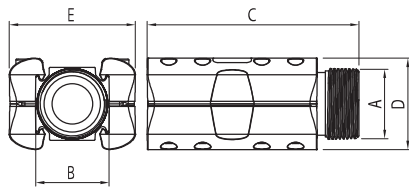
KIT TERMINALE FILETTATO MASCHIO
KIT TERMINAL ROSCADO HEMBRA
KIT ÉLÉMENT TERMINAL FILETÉ MÂLE
KIT ENDSTÜCK MIT AUSSENGEWINDE



Code	A	B	C	D	E	(g)
AR211.040.114	1"1/4	43	125	53	76	400,5
AR211.050.112	1"1/2	55	125	53	88	420
AR211.050.002	2"	55	125	53	88	467
AR211.063.002	2"	69	132	53	101	542,5
AR211.063.212	2"1/2	69	132	53	101	638,5

PA6+Fiberglass

PA6+Fibra di vetro
PA6+Fibra de vidrio
PA6+Fibre de verre
PA6+Glasfaser
RAL 7039/5015

**TERMINAL KIT**

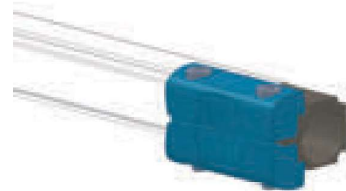
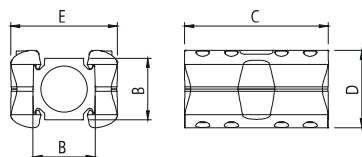
KIT TERMINALE
KIT TERMINAL
KIT ÉLÉMENT TERMINAL
KIT ENDSTÜCK



Code	A	B	C	D	E	(g)
AR221.020.000		23	55	33	35	49
AR221.025.000		28	55	38	53	54
AR221.040.000		43	100	53	74	285
AR221.050.000		55	100	53	86	308
AR221.063.000		69	100	53	98	371

PA6+Fiberglass

PA6+Fibra di vetro
PA6+Fibra de vidrio
PA6+Fibre de verre
PA6+Glasfaser
RAL 7039/5015



Ø40-50-63-25

Ø20



STRAIGHT UNION FITTING WITH BALL VALVE

RACCORDO DIRITTO CON VALVOLA A SFERA
RACOR RECTO CON VÁLVULA DE BOLA
RACCORD DROIT AVEC VANNE À BOISEAU SPHÉRIQUE
GERADER VERBINDER MIT KUGELHAHN

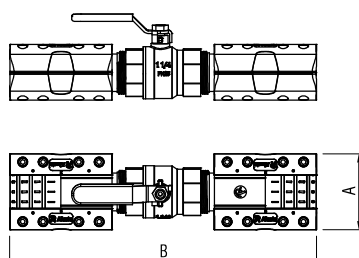
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AR224.020.020	34	200				600
AR224.025.012	39	226				659
AR224.040.114	75	300				1280
AR224.050.112	84	310				2063
AR224.063.002	98	339				2256



PA6+Fiberglass

PA6+Fibra di vetro
PA6+Fibra de vidrio
PA6+Fibre de verre
PA6+Glasfaser

RAL 7039/5015



STRAIGHT CONNECTOR FOR DILATION

GIUNZIONE LINEARE PER DILATAZIONE
JUNTA LINEAL PARA DILATACIÓN
JONCTION LINÉAIRE POUR DILATATION
GERADER VERBINDER FÜR AUSDEHNUNG

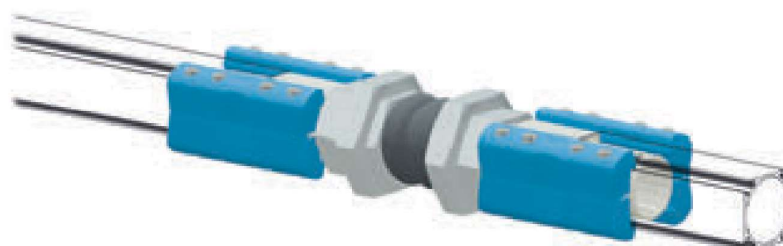
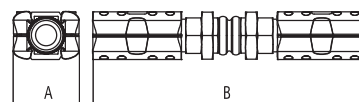
Code	A	B				(g)
AR226.040.114	75	350				1610
AR226.050.112	84	380				1630
AR226.063.002	98	434				1654



PA6+Fiberglass

PA6+Fibra di vetro
PA6+Fibra de vidrio
PA6+Fibre de verre
PA6+Glasfaser

RAL 7039/5015

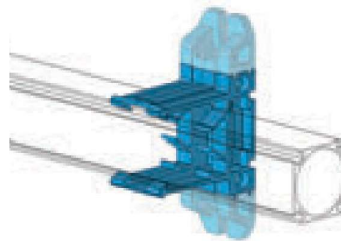
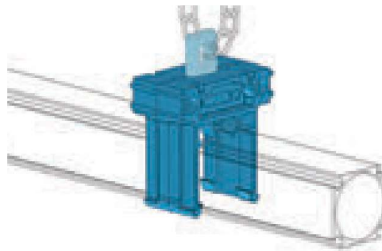
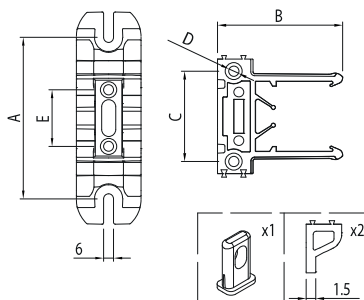
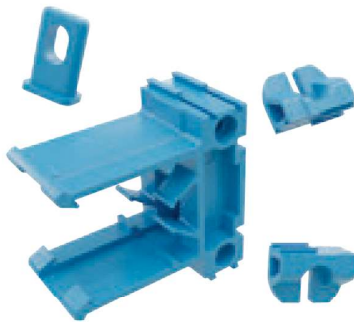




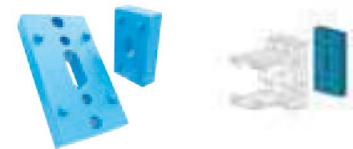
BRACKET FOR PROFILE
STAFFA DI FISSAGGIO A SCATTO
ESTRIBO PARA PERFIL
BRIDE POUR PROFIL
BÜGEL FÜR PROFIL

	Code	A	B	C	D	E	(g)
 LOAD 100Kg	AR244.020.000	60	47,5	-	-	-	21
	AR244.025.000	65	52	-	-	-	54,5
	AR244.040.000	100	77,5	56	6,2	35	83
	AR244.050.000	100	77,5	56	6,2	35	78
	AR244.063.000	109	77,5	56	6,2	35	79,5

PA6 RAL 5015



Spacer - Distanziale - Distanciadador - Entretoise - Distanzplatte

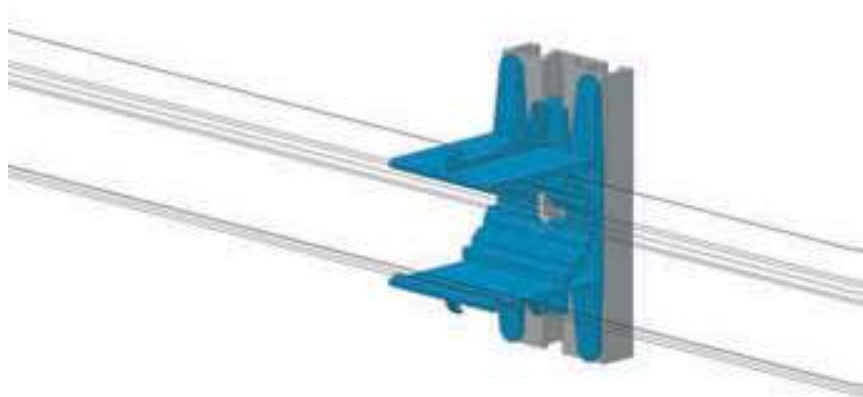
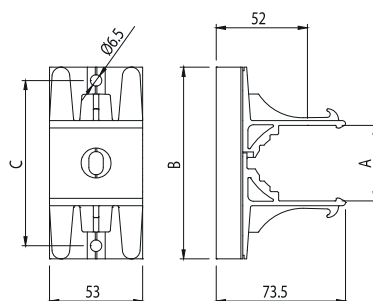


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BRACKET FOR PROFILE
STAFFA DI FISSAGGIO A SCATTO
ESTRIBO PARA PERFIL
BRIDE POUR PROFIL
BÜGEL FÜR PROFIL

Code	A	B	C	D	E	(g)
AR244.040.001	43	109	94			124
AR244.050.001	55	121	106			215
AR244.063.001	69	135	120			317

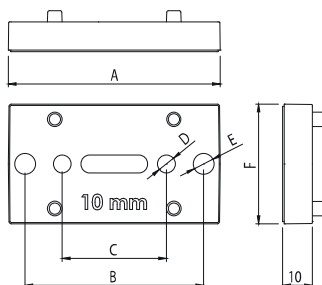
PA6 RAL 5015





SPACER

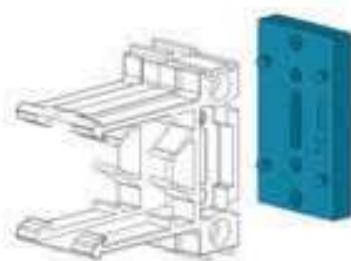
DISTANZIALE
DISTANCIADOR
ENTRETOISE
DISTANZPLATTE



Code	A	B	C	D	E	F	(g)
AR244.000.007	41	-	-	-	-	25	8
AR244.000.008	71	60	35	5,8	6,8	40	16

AR244.000.007: To be used with / Da utilizzare con / Para usar con / À utiliser avec / Zur Anwendung mit
AR244.020.000 - AR244.025.000

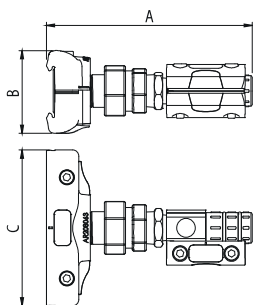
AR244.000.008: To be used with / Da utilizzare con / Para usar con / À utiliser avec / Zur Anwendung mit
AR244.040.000 - AR244.050.000 - AR244.063.000



DROP BEND CONNECTION KIT

KIT GIUNZIONE PER CALATA
KIT DE UNIÓN PARA TUBO CURVO
KIT DE RACCORDÉMENT POUR TUBES PREFORMÉ
VERBINDUNGSKIT FÜR SCHWANENHALS-ROHRBOGEN

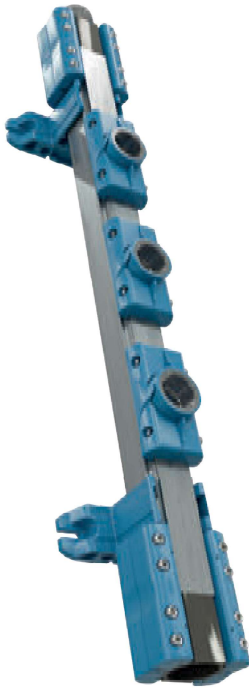
Code	A	B	C	D	E	(g)
AR208.063.020	132	53	100			247
AR208.063.025	135	53	100			263
AR208.025.025	214	38	50,5			205





DISTRIBUTION MANIFOLD

COLLETTORI DI DISTRIBUZIONE / COLECTORES DE DISTRIBUCION
COLLECTEURS DE DISTRIBUTION / VERTEILER



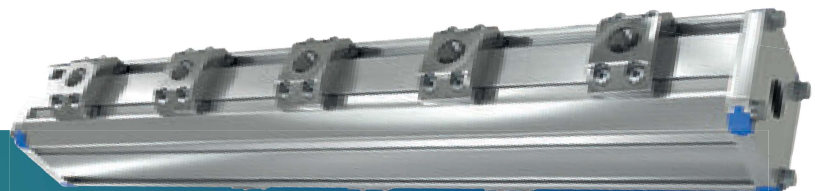
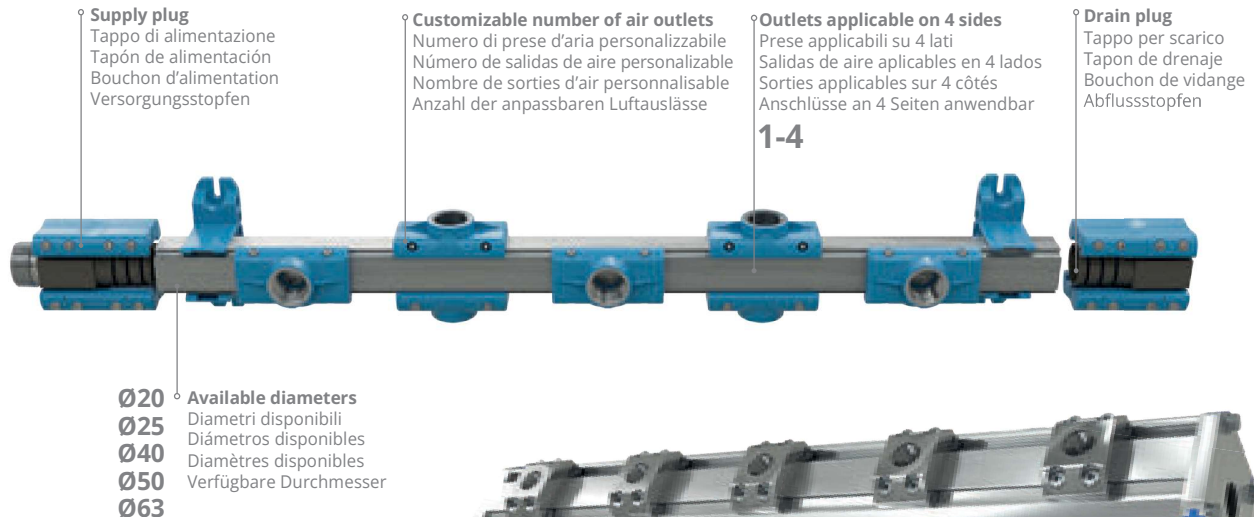
The distribution manifolds in a compressed air system are components designed to divide and distribute compressed air from the compressor or main tank to various lines or users in the system. It serves as a central point that allows for the efficient management of the compressed air flow, ensuring that each user receives the necessary pressure and volume.

I collettori di distribuzione in un impianto per aria compressa è un componente progettato per suddividere e distribuire l'aria compressa proveniente dal compressore o dal serbatoio principale verso diverse linee o utenze dell'impianto. È un punto centrale che consente di gestire in modo efficiente il flusso di aria compressa, garantendo che ogni utenza riceva la pressione e il volume necessari.

Los colectores de distribución en un sistema de aire comprimido son componentes diseñados para dividir y distribuir el aire comprimido proveniente del compresor o del tanque principal hacia diferentes líneas o usuarios del sistema. Actúan como un punto central que permite gestionar de manera eficiente el flujo de aire comprimido, asegurando que cada usuario reciba la presión y el volumen necesarios.

Les collecteurs de distribution dans un système d'air comprimé sont des composants conçus pour diviser et distribuer l'air comprimé provenant du compresseur ou du réservoir principal vers différentes lignes ou utilisateurs du système. Ils servent de point central permettant de gérer efficacement le flux d'air comprimé, garantissant que chaque utilisateur reçoive la pression et le volume nécessaires.

Die Verteiler in einem Druckluftsystem sind Komponenten, die dazu entwickelt wurden, Druckluft vom Kompressor oder Haupttank auf verschiedene Leitungen oder Verbraucher im System aufzuteilen und zu verteilen. Sie dienen als zentraler Punkt, der eine effiziente Verwaltung des Druckluftstroms ermöglicht und sicherstellt, dass jeder Verbraucher den notwendigen Druck und das erforderliche Volumen erhält.



Are you looking for other diameters?

Stai cercando altri diametri?
¿Estás buscando otros diámetros?
Cherchez-vous d'autres diamètres ?
Suchen Sie nach anderen Durchmessern?

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