

Datasheet

NICKEL-PLATED BRASS ADAPTORS

RACCORDI FILETTATI

GEWINDEVERSCHRAUBUNGEN

ACCESSOIRES DE RACCORDEMENT- ADAPTATEURS LAITON

RACORDAJE ROSCADO

ACESSÓRIOS ROSCADOS EM LATÃO NIQUELADO



IT

Con prestazioni importanti in termini di pressioni e temperature (+300°C), sono realizzati in una ampia gamma base. Filettature BSPT, BSPP e Metriche.

Completano la gamma un'importante serie di manifold di distribuzione in alluminio e di silenziatori in bronzo sinterizzato e materiali plastici.

Principali vantaggi

- Gamma completa M5 - 1"
- Filettati e portagomma
- Compatibilità numerosi fluidi industriali
- Robustezza meccanica
- Versione attacchi a baionetta standard
- Silicon Free

Applicazioni

- Aria Compressa
- Automazione Pneumatica
- Circuiti acqua industriale
- Gas inerti, vapore, fluidi
- Vuoto

GB

Countless configurations in multiple sizes: nipples, reductions, plugs, T, L, hose adaptors.

High performances in pressure and temperatures (+300°C).

Sharp threads BSPT, BSPP & Metric.

Aluminium manifolds and silencers complete the range.

Main advantages

- Complete Range M5 - 1"
- All Fluids compatible
- Mechanical Resistance
- Standard and Bayonet connection
- Silicon Free

Applications

- Compressed Air
- Pneumatic Automation
- Industrial water circuits
- Inert Gases, Fluids, Steam
- Vacuum

DE

Unzählige Konfigurationen in verschiedenen Größen: Nippel, Reduzierungen, Stopfen, T- und L-Verschraubungen, Schlauchtüllen, etc. Hohe Leistungen im Druck- und Temperaturbereich (+ 300 °C).

Präzise Gewinde: BSPT, BSPP und metrisch. Verteilerblöcke aus Aluminium und Schalldämpfer runden das Angebot ab

Hauptvorteile

- Vollständiges Sortiment M5 - 1"
- Kompatibel mit allen Medien
- Mechanische Festigkeit
- Standard and Bajonet Anschluss
- Silikonfrei

Anwendungen

- Druckluft
- Pneumatische Automation
- Industrielle Wasserkreisläufe
- Inertgase, Flüssigkeiten, Dampf
- Vakuum

FR

Performances élevées en terme de pression et de température (+ 300 °C). Filetages BSPT, BSPP et métrique.

Les nourrices de distribution en aluminium et les silencieux complètent la gamme.

Principaux avantages

- Gamme complète M5 - 1"
- Tous fluides compatibles
- Résistance mécanique
- Standard et raccords Baionnettes
- Sans silicone

Applications

- Air comprimé
- Automatismes pneumatiques
- Circuits d'eau industrielle
- Gaz neutres, vapeur
- Vide

ES

Con importantes prestaciones en términos de presión y temperatura (+300°C), son realizados en una amplia gama base. Roscas BSPT, BSPP y Métricas.

Completan la gama una importante serie de regletas de distribución en aluminio y de silenciadores en bronce sinterizado y material plástico.

Principales ventajas

- Gama completa M5-1" – roscados y espiga
- Compatibilidad con numerosos fluidos industriales
- Robustez mecánica
- Versión conexión a bayoneta standard
- Libres de silicona

Aplicaciones

- Aire comprimido
- Automatización neumática
- Circuitos de agua industrial
- Gases inertes, vapor, fluidos
- Vacío

PT

Incontáveis configurações em diversos tamanhos: niples, reduções, plugs, T, L, Espigões para mangueiras.

Itens para alta pressão e alta temperatura (+300°C). Roscas precisas: BSPT, BSPP & Métrica, manifolds em alumínio e silenciadores completas o range de produtos.

Principais vantagens

- Completo Range de tamanhos : de M5 a 1"
- Compatível com todos os fluidos
- Resistência Mecânica
- Conexões do tipo standard e baioneta
- Livre de Silicone

Aplicações

- Ar Comprimido
- Automação Pneumática
- Circuitos de Água Industrial
- Gases Inertes, Fluidos, Vapor
- Vácuo



CARATTERISTICHE TECNICHE

TECHNICAL CHARACTERISTICS
TECHNISCHE ANGABEN
CARACTÉRISTIQUES TECHNIQUES
CARACTERÍSTICAS TÉCNICAS
CARACTERÍSTICAS TÉCNICAS



Norma di Riferimento

Reference standard

Entspricht der Norm

Norme de référence

Normativa de referencia

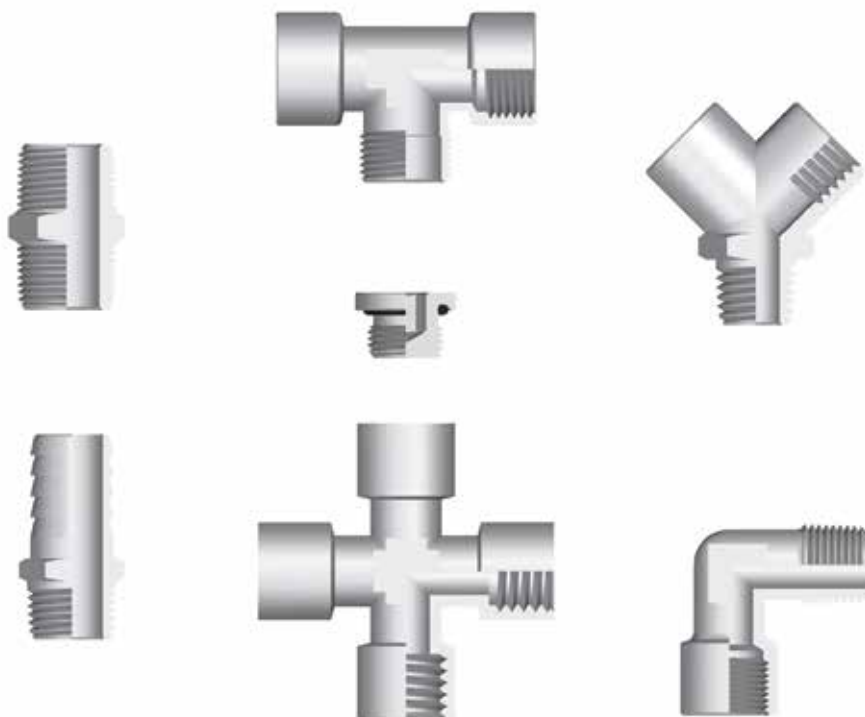
Norma de referência

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

PED
2014/68/UE

SILICON
FREE



Materiali e Componenti

IT

La maggior parte degli articoli di questa serie è composta da un unico particolare in OT UNI EN 12164/5 CW 614/7N e subisce un trattamento galvanico di nichelatura. Articoli prodotti in materiali diversi, verranno specificati all' interno del catalogo.

Component Parts and Materials

GB

The main part of these fittings is made in OT UNI EN 12164/5 CW 614/7N and undergo to a nickel-plating process. Different materials will be specified in the catalogue.

Komponenten und Materialien

DE

Die meisten Artikel in dieser Serie werden aus OT UNI EN 12164/5 CW 614/7N hergestellt und werden einer Nickel Oberflächenbehandlung unterzogen. Wenn Artikel mit anderen Materialien hergestellt sind, so wird das im Katalog direkt beim Produkt angegeben.

Matériaux et Composants

FR

La majeure partie des raccords de ce chapitre est fabriquée en laiton OT UNI EN 12164/5 CW 614/7N et traités par nickelage. Les autres matériaux sont précisés dans le catalogue sous l'article concerné.

Materiales y Componentes

ES

La mayor parte de los artículos de esta serie está compuesta de un solo material latón (OT UNI EN 12164/5 CW 614/7N) sometido a un tratamiento galvanico de niquelatura. Artículos producidos en materiales diversos, vendrán especificados al interior del catálogo.

Materiais e Componentes

PT

A maior parte dos itens desta série é fabricada em OT UNI EN 12164/5 CW 614/7N e passa por um tratamento galvanico de niquelamento. Itens produzidos com materiais diferentes, estarão especificados no catálogo.



Misura
Size
Größe
Dimensions
Medida
Tamanho

Pressione consigliata
Pressure advised
Empfohlener druck
Pression conseillée
Presión recomendada
Pressão aconselhada

1/8

-0.99 bar ~ 150 bar

1/4

-0.99 bar ~ 100 bar

3/8

-0.99 bar ~ 75 bar

1/2

-0.99 bar ~ 50 bar

3/4

-0.99 bar ~ 85 bar

1"

-0.99 bar ~ 80 bar



Temperature massima

Maximum temperature

Maximum temperatur

Température maximale

Temperatura máxima

Temperatura máxima

+ 300 °C



Fluidi compatibili

Acqua / Olio / Aria compressa

Fluidi in genere per l'impiantistica idraulica, oleodinamica, idropneumatica, ecc.

Fluids

Water / Oils / Compressed air

Fluids in general for the hydraulic, pneumatic and oildynamic plants etc.

Geeignete Medien

Wasser / Öl / Druckluft

Medien im Allgemeinen für hydraulische-, hydropneumatische- und pneumatische Anlagen, usw.

Fluides compatibles

Eau / Huile / Air comprimé

Fluides courants utilisés en hydraulique et pneumatique, etc.

Fluidos compatibles

Agua / Aceite / Aire comprimido

Fluidos en general para los campos hidráulicos, neumáticos y oleodinámicos, etc.

Fluidos compatíveis

Água / Óleo / Ar comprimido

Fluidos em geral para aplicações hidráulicas, oleodinâmicas, hidropneumáticas, etc.



Tubi di Collegamento

IT

Tubi e raccordi in genere.

Connection Tubes

GB

Tubes and fittings in general.

Geeignete Rohre

DE

Rohre und Verschraubungen im Allgemeinen.

Tubes Conseillés

FR

Raccords et tubes compatibles.

Tubos de Conexión

ES

Tubo y racordaje en general.

Tubos de Conexão

PT

Tubos e conexões em geral.



Filettatura

IT

Gas conica conforme ISO 7.1, BS 21, DIN 2999.
Gas cilindrica conforme ISO 228 Classe A.
Metrica conforme ISO R/262.
NPTF conforme ANSI B1.20.5

Threads

GB

Tapered gas in conformity with ISO 7.1, BS 21, DIN 2999.
Parallel gas in conformity with ISO 228 Class A.
Metric in conformity with ISO R/262.
NPTF in conformity with ANSI B1.20.5

Gewindearten

DE

Konisches Gewinde nach Norm ISO 7.1, BS 21, DIN 2999.
Zylindrisches Gewinde nach Norm ISO 228 Classe A.
Metrisches Gewinde nach Norm ISO R/262.
NPTF nach norm ANSI B1.20.5

Filetages

FR

Filetage conique conforme: ISO 7.1, BS 21, DIN 2999.
Filetage cylindrique conforme: ISO 228 Class A.
Filetage métrique conforme: ISO R/262.
NPTF conforme: ANSI B1.20.5

Roscas

ES

Gas cónica conforme ISO 7.1, BS 21, DIN 2999.
Gas cilíndrica conforme ISO 228 Clase A.
Métrica conforme ISO R/262.
NPTF conforme ANSI B1.20.5

Roscas

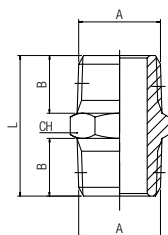
PT

Gas cônica conforme ISO 7.1, BS 21, DIN 2999.
Gas paralela conforme ISO 228 Classe A.
Métrica conforme ISO R/262.
NPTF conforme ANSI B1.20.5

NIPPLE (TAPER)

NIPPLO CONICO

DOPPELNIPPEL KONISCH
MAMELON DOUBLE CONIQUE
MACHÓN CÓNICO
NIPLE COM ROSCA CÔNICA

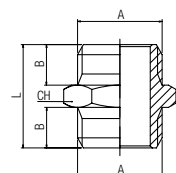


Code	A	B	L	CH	Pack.
176-0978	1/8	7.5	19.5	12	10
176-0979	1/4	11	27	14	10
176-0980	3/8	11.5	28	17	10
176-0981	1/2	14	33.5	22	10
176-0982	3/4	16.5	40	27	10
176-0984	1"	19	46.5	34	10

NIPPLE (PARALLEL)

NIPPLO CILINDRICO

DOPPELNIPPEL ZYLINDRISCH
MAMELON DOUBLE, CYLINDRIQUE
MACHÓN CILÍNDRICO
NIPLE COM ROSCA PARALELA

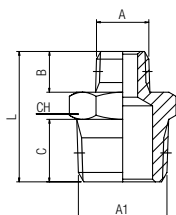


Code	A	B	L	CH	Pack.
176-2133	M5	4	11.5	8	10
176-0985	1/8	6	16.5	14	10
176-0986	1/4	8	21	17	10
176-0987	3/8	9	23	19	10
176-0988	1/2	10	25.5	24	10

REDUCING NIPPLE (TAPER)

NIPPLO DI RIDUZIONE CONICO

DOPPELNIPPEL REDUZIERT KONISCH
MAMELON DOUBLE INÉGAL, CONIQUE
MACHÓN CÓNICO DE REDUCCIÓN
NIPLE DE REDUÇÃO COM ROSCA CÔNICA

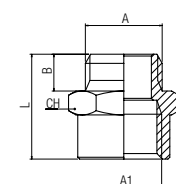


Code	A	A1	B	C	L	CH	Pack.
176-0995	1/8	1/4	7.5	11	23.5	14	10
176-0989	1/8	3/8	7.5	11.5	24	17	10
176-0990	1/4	3/8	11	11.5	27.5	17	10
176-0991	1/4	1/2	11	14	30.5	22	10
176-0992	3/8	1/2	11.5	14	31	22	10
176-0993	1/2	3/4	14	16.5	37.5	27	10
176-0994	3/4	1"	16.5	19	44	34	10

REDUCER (PARALLEL)

RIDUZIONE CILINDRICA

VERGRÖßERUNG ZYLINDRISCH
GROSSISSEUR, CYLINDRIQUE
UNIÓN CILÍNDRICA MACHO - HEMBRA
REDUÇÃO COM ROSCA PARALELA



Code	A	A1	B	L	CH	Pack.
176-2134	M5	1/8	4	14.5	14	10
176-0996	1/8	1/8	6	17	14	10
176-1004	1/8	1/4	6	20.5	17	10
176-0997	1/8	3/8	6	21.5	22	10
176-0998	1/4	1/4	8	22.5	17	10
176-1000	1/4	3/8	8	23.5	22	10
176-1001	1/4	1/2	8	26.5	26	10
176-1002	3/8	3/8	9	24.5	22	10
176-1003	3/8	1/2	9	27.5	26	10

EXTENSION (PARALLEL)

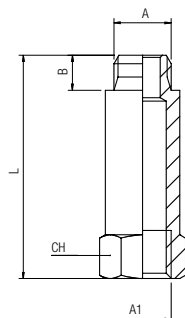
PROLUNGA CILINDRICA

VERLÄNGERUNG ZYLINDRISCH

RALLONGE ÉGALE, CYLINDRIQUE

PROLONGACIÓN CILÍNDRICA

PROLONGAMENTO COM ROSCA PARALELA



Code	A	A1	L	B	CH	Pack.
176-1005	1/8	1/8	22	6	14	10
176-1008	1/8	1/8	32	6	14	10
176-1006	1/4	1/4	35	8	17	10
176-1007	1/4	1/4	51	8	17	10

REDUCER (TAPER)

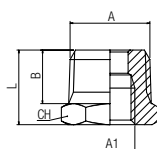
RIDUZIONE CONICA

REDUZIERUNG KONISCH

RÉDUCTION, CONIQUE

REDUCCIÓN CÓNICA

REDUÇÃO COM ROSCA CÔNICA



Code	A	A1	B	L	CH	Pack.
176-1010	1/4	1/8	11	16	14	10
176-1011	3/8	1/8	11.5	16.5	17	10
176-1012	3/8	1/4	11.5	16.5	17	10
176-1013	1/2	1/4	14	19.5	22	10
176-1014	1/2	3/8	14	19.5	22	10
176-1016	3/4	3/8	16.5	23.5	27	10
176-1017	3/4	1/2	16.5	23.5	27	10

REDUCER (PARALLEL) WITH NBR O-RING

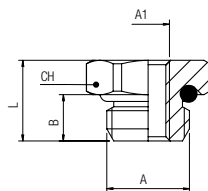
RIDUZIONE CILINDRICA CON O-RING NBR

REDUZIERUNG ZYLINDRISCH MIT NBR O-RING

RÉDUCTION CYLINDRIQUE AVEC JOINT TORIQUE NBR

REDUCCIÓN CILÍNDRICA CON TORICA NBR

REDUÇÃO COM ROSCA PARALELA COM ROSCA PARALELA E O-RING NBR



Code	A	A1	B	L	CH	R	C	Pack.
176-1018	1/8	M5	5,4	9,4	13	8	3	10
176-1026	1/4	M5	7	11	16	20	6	10
176-1019	1/4	1/8	5,5	11,1	16	20	6	10
176-1020	3/8	1/8	6,5	12,6	20	70	10	10
176-1022	3/8	1/4	6,5	12,6	20	40	9	10
176-1027	1/2	1/8	9,5	14,5	25	130	12	10
176-1023	1/2	1/4	9,6	14,6	25	130	12	10
176-1024	1/2	3/8	9,6	14,6	25	110	12	10
176-1028	3/4	1/4	11	16	34	130	12	10
176-1029	3/4	3/8	11	16	34	130	12	10
176-1025	3/4	1/2	11,1	16	34	110	12	10

R = Coppia di rottura (Nm)

Breaking Torque (Nm)

Abscherdrehmoment (Nm)

Couple de Rupture (Nm)

Par de Rotura (Nm)

Torque de Ruptura (Nm)

C = Coppia consigliata

Recommended Torque (Nm)

Empfohlenes Drehmoment (Nm)

Couple de Serrage (Nm)

Par Aconsejado (Nm)

Torque Recomendado (Nm)

	min	max
Temperature	- 20 °C	+ 80 °C

MALE ORIENTING NIPPLE WITH OR (PARALLEL)

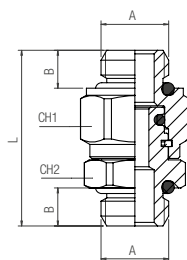
NIPPLO MASCHIO CILINDRICO ORIENTABILE CON OR

DOPPELNIPPEL ZYLINDRISCH EINSTELLBAR

MAMELON DOUBLE ORIENTABLE BSPP AVEC JOINT TORIQUE

UNIÓN MACHO CILÍNDRICO ORIENTABLE CON OR

NIPLE MACHO ROSCA PARALELA ORIENTÁVEL COM O-RING



Articolo non nichelato.

Article not nichel-plated.

Artikel nicht vernickelt.

Article non nickelé.

Artículo no niquelado.

Item não niquelado.

	min	max
Temperature	- 20 °C	+ 80 °C

SLEEVE

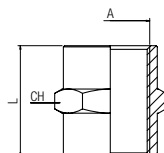
MANICOTTO

MUFFE

MANCHON

MANGUITO

LUVA



REDUCING SLEEVE

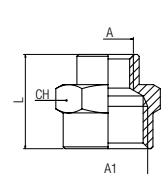
MANICOTTO DI RIDUZIONE

MUFFE REDUZIERT

MANCHON INÉGAL

MANGUITO DE REDUCCIÓN

LUVA DE REDUÇÃO



Code	A	L	CH	Pack.
176-2135	M5	11	8	10
176-1035	1/8	15	14	10
176-1036	1/4	22	17	10
176-1038	3/8	24	22	10
176-1039	1/2	30	26	10
176-1040	3/4	32	32	10

Code	A	A1	L	CH	Pack.
176-2136	M5	1/8	13	14	10
176-1047	1/8	1/4	19	17	10
176-1041	1/8	3/8	20	22	10
176-1042	1/4	3/8	23	22	10
176-1044	1/4	1/2	25	24	10
176-1045	3/8	1/2	27.5	24	10
176-1046	1/2	3/4	30	30	10

MALE PLUG (PARALLEL) WITH EXAGON EMBEDDED AND NBR O-RING

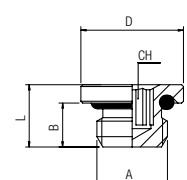
TAPPO MASCHIO CILINDRICO ESAGONO INCASSATO CON O-RING NBR

GEWINDESTOPFEN ZYLINDRISCH INNENSECHSKANT MIT O-RING NBR

BOUCHON À 6 PANS CREUX MÂLE, CYLINDRIQUE AVEC JOINT NBR

TAPÓN MACHO CILÍNDRICO HEXÁGONO INTERIOR CON TÓRICA NBR

TAMPÃO MACHO COM ROSCA PARALELA E SEXTAVADO INTERNO (O-RING EM NBR)



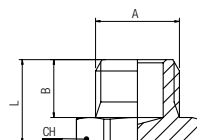
Code	A	B	L	D	CH	Pack.
176-2137	M5	4	6	8	2	10
176-1048	1/8	6	8.5	14	5	10
176-1049	1/4	8	11	17	6	10
176-1050	3/8	9	12.5	20	8	10
176-1051	1/2	10	13.5	25	10	10

	min	max
Temperature	- 20 °C	+ 80 °C

MALE PLUG (PARALLEL)

TAPPO MASCHIO CILINDRICO

GEWINDESTOPFEN ZYLINDRISCH
BOUCHON À 6 PANS MÂLE, CYLINDRIQUE
TAPÓN MACHO CILÍNDRICO
TAMPÃO MACHO COM ROSCA PARALELA



Code	A	B	L	CH	Pack.
176-1052	1/8	6.5	10	14	10
176-1053	1/4	9	13	17	10

* Installabile anche con cacciavite

Can be also installed with a screwdriver

Kann auch mit einem Schraubendreher angebracht werden

Peut être installé avec un tournevis

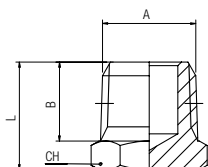
Se puede instalar con destornillador

Pode ser instalado com chave de fenda

MALE PLUG (TAPER)

TAPPO MASCHIO CONICO

GEWINDESTOPFEN KONISCH
BOUCHON À 6 PANS MÂLE, CÔNIQUE
TAPÓN MACHO CÓNICO
TAMPÃO MACHO CÔNICA

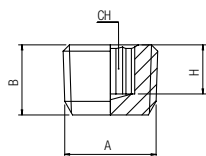


Code	A	B	L	CH	Pack.
176-1052	1/4	11	15	14	10
176-1053	3/8	11,5	15,5	17	10

MALE PLUG (TAPER)

TAPPO MASCHIO CONICO

GEWINDESTOPFEN KONISCH
BOUCHON À 6 PANS CREUX, CONIQUE
TAPÓN MACHO CÓNICO HEXÁGONO INTERIOR
TAMPÃO MACHO COM ROSCA CÔNICA

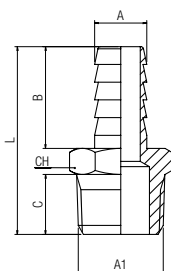


Code	A	B	H	CH	Pack.
176-1054	1/8	7.5	5	5	10
176-1055	1/4	10	7	6	10
176-1056	3/8	11	7	8	10
176-1057	1/2	13	8	10	10

MALE HOSE ADAPTER (TAPER)

PORTAGOMMA MASCHIO CONICO

SCHLAUCHTÜLLE AUSSENGEW. KONISCH
DOUILLE ANNELÉE, CONIQUE
ESPIGA MACHO CÔNICA
ESPIGAO COM ROSCA MACHO CÔNICA



Code	A	A1	B	C	L	CH	Pack.
176-2014	4	1/8	19,5	7,5	32	12	10
176-2015	6	1/8	19,5	7,5	32	12	10
176-2017	7	1/8	19,5	7,5	32	12	10
176-2016	7	1/4	19,5	11	35,5	14	10
176-2020	10	1/8	19,5	7,5	32	12	10
176-2021	10	1/4	19,5	11	35,5	14	10
176-2022	10	3/8	19,5	11,5	36	17	10
176-2023	12	3/8	19,5	11,5	36	17	10
176-2025	16	3/8	19,5	11,5	36	17	10
176-2026	16	1/2	19,5	14	39	22	10
176-2027	16	3/4	19,5	16,5	43,5	27	10
176-2028	18	3/8	19,5	11,5	36	19	10
176-2030	18	1/2	19,5	14	39	22	10
176-2029	18	3/4	19,5	16,5	43,5	27	10
176-2019	25	3/4	30	14,5	51,5	27	10
176-2031	25	1"	30	16	53,5	34	10

MALE HOSE ADAPTER (PARALLEL) WITH O-RING

PORTAGOMMA MASCHIO CILINDRICO CON O-RING

SCHLAUCHTÜBLE AUSSENGEW. ZYLINDRISCH MIT O-RING

DOUILLE ANNELÉE, CYLINDRIQUE AVEC JOINT TORIQUE

ESPIGA MACHO CILÍNDRICA CON TÓRICA

ESPIGÃO COM ROSCA MACHO PARALELA E O-RING



Code	A	A1	B	C	L	CH	Pack.
176-2038	6	1/4	20	8	34.5	16	10
176-2032	7	1/4	20	8	34.5	16	10
176-2033	8	1/8	20	6	31	13	10
176-2034	8	1/4	20	8	34.5	16	10
176-2039	8	3/8	20	9	35.5	19	10
176-2040	10	1/4	20	8	34.5	16	10
176-2041	10	3/8	24	9	39.5	19	10
176-2042	10	1/2	22	10	39.5	24	10
176-2035	12	1/4	20	8	34.5	16	10
176-2037	13	1/2	22	10	39.5	24	10
176-2036	17	1/2	24	10	41.5	24	10



Temperature

min

- 20 °C

max

+ 80 °C

BULKHEAD CONNECTOR

RACCORDO DI ATTRAVERSAMENTO

SCHOTTVERSCHRAUBUNG

TRAVERSÉE DE CLOISON

RACOR PASATABIQUES

CONEXÃO PASSA-MURO



Code	A	B	C max	D	E	CH1	CH2	Pack.
176-2043	M5	M10x1	7	10.5	3.5	14	14	10
176-2044	1/8	M16x1.5	10	14	4	22	19	10
176-2045	1/4	M20x1.5	16	21	4	27	24	10
176-2046	3/8	M26x1.5	15	21	5	32	30	10

FEMALE TEE

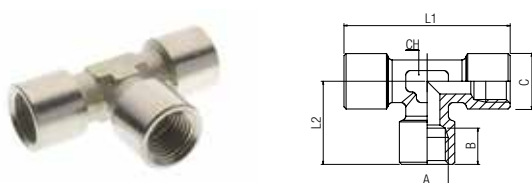
RACCORDO A T FEMMINA

T-VERSCHRAUBUNG INNENGEW.

TÉ ÉGAL FEMELLE

RACOR A T HEMBRA

CONEXÃO EM "T" COM ROSCA FÊMEA



Code	A	B	L2	L1	C	CH	Pack.
176-1058	1/8	8.5	19.5	39	13	12	10
176-1060	1/4	11	24.5	49	16.5	13	10
176-1061	3/8	12	27	54	20.5	16	10
176-1062	1/2	15	32	64	25.5	20	10
176-1063	3/4	16.5	36.5	73	32.5	27	10

CENTRE LEG MALE TEE

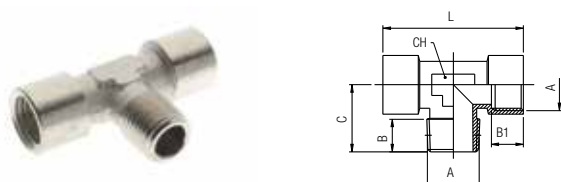
RACCORDO A T MASCHIO CENTRALE

T-VERSCHRAUBUNG AUSSENGEW. MITTIG

TÉ ÉGAL FEMELLE, CENTRE MÂLE

RACOR A T MACHO CENTRAL

CONEXÃO EM "T" COM ROSCA MACHO CENTRAL



Code	A	B	B1	C	L	CH	Pack.
176-1064	1/8	8	8.5	17.5	39	12	10
176-1066	1/4	11	11	23	49	13	10
176-1067	3/8	11.5	12	25.5	54	16	10
176-1068	1/2	14	15	29.5	64	20	10
176-1069	3/4	14.5	16.5	32	73	27	10
176-1070	1"	16.8	19	39	90	30	5

OFF SET MALE TEE

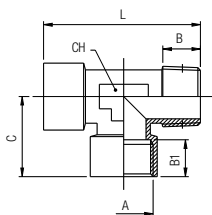
RACCORDO A T MASCHIO LATERALE

T-VERSCHRAUBUNG AUSSENGEW. SEITLICH

TÉ ÉGAL FEMELLE, EN BOUT MÂLE

RACOR A T MACHO LATERAL

CONEXÃO EM "T" COM ROSCA MACHO LATERAL



Code	A	B	B1	C	L	CH	Pack.
176-1071	1/8	8	8.5	19.5	37	12	10
176-1072	1/4	11	11	24.5	47.5	13	10
176-1073	3/8	11.5	12	27	52.5	16	10
176-1074	1/2	14	15	32	61.5	20	10

MALE ELBOW

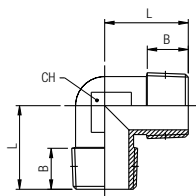
RACCORDO A L MASCHIO

WINKELVERSCHRAUBUNG AUSSENGEW.

EQUERRE MÂLE

RACOR A L MACHO

CONEXÃO EM "L" COM ROSCA MACHO



Code	A	B	L	CH	Pack.
176-1075	1/8	7.5	18	11	10
176-1076	1/4	11	24	13	10
176-1077	3/8	12	27	17	10
176-1078	1/2	14	29.5	20	10

FEMALE ELBOW

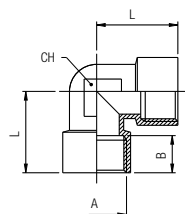
RACCORDO A L FEMMINA

WINKELVERSCHRAUBUNG INNENGEW.

EQUERRE FEMELLE

RACOR A L HEMBRA

CONEXÃO EM "L" COM ROSCA FÊMEA



Code	A	B	L	CH	Pack.
176-1079	1/8	8.5	21	11	10
176-1080	1/4	11	25.5	13	10
176-1081	3/8	11.5	28	17	10
176-1082	1/2	15	32	20	10
176-1083	3/4	16.5	36.5	27	10

MALE-FEMALE ELBOW

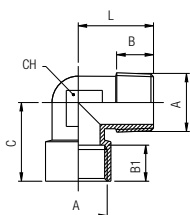
RACCORDO A L MASCHIO-FEMMINA

WINKELVERSCHRAUBUNG AUSSEN-/INNENGEW.

EQUERRE MÂLE-FEMELLE

RACOR A L MACHO - HEMBRA

CONEXÃO EM "L" MACHO-FÊMEA



Code	A	B	B1	C	L	CH	Pack.
176-1084	1/8	7.5	8.5	21	18	11	10
176-1085	1/4	11	11	25.5	24	13	10
176-1086	3/8	11.5	12	28	27	17	10
176-1088	1/2	14	15	32	29.5	20	10
176-1089	3/4	14.5	16.5	36.5	32	27	10

CENTRAL MALE Y 90°

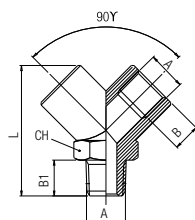
RACCORDO A Y 90° MASCHIO CENTRALE

Y-VERSCHRAUBUNG 90° AUSSEN-/INNENGEW.

Y ÉGAL À 90° MALE AU CENTRE

RACOR A Y 90° MACHO CENTRAL

CONEXÕES EM "Y" 90° ROSCA MACHO CENTRAL



Code	A	B	B1	L	CH	Pack.
176-1090	1/4	11	11	37	17	10
176-1091	3/8	11.5	12.5	46	22	10
176-1092	1/2	14	16.5	58	26	10

FEMALE Y 90°

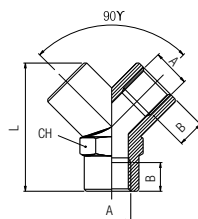
RACCORDO A Y 90° FEMMINA

Y-VERSCHRAUBUNG 90° INNENGEW.

Y ÉGAL FEMELLE

RACOR A Y 90° HEMBRA

CONEXÃO EM "Y" COM ROSCA FÊMEA



Code	A	B	L	CH	Pack.
176-1094	1/8	8.5	33	14	10
176-1095	1/4	11	37	17	10
176-1096	3/8	11.5	46	22	10
176-1097	1/2	14	58	26	10

ALUMINIUM TEE CROSS

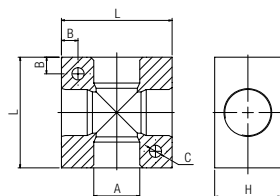
RACCORDO A CROCE IN ALLUMINIO

KREUZVERTEILER AUS ALUMINIUM

CROIX DE DISTRIBUTION EN ALUMINIUM

RACOR A CRUZ EN ALUMINIO

CONEXÃO CRUZETA EM ALUMÍNIO



Code	A	L	H	B	C	Pack.
176-1098	1/4	40	20	6.5	5.5	10
176-1099	3/8	50	25	7.5	5.5	5
176-1101	1/2	50	30	7.5	5.5	5

ALUMINIUM DISTRIBUTION MANIFOLD

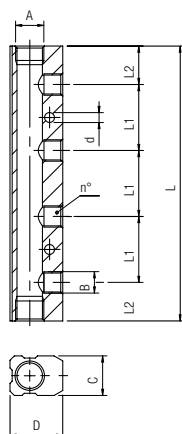
RIPARTITORE IN ALLUMINIO

VERTEILERBLOCK AUS ALUMINIUM

NOURRISE DE DISTRIBUTION EN ALUMINIUM

REGLETA SIMPLE EN ALUMINIO

DISTRIBUIDOR EM ALUMÍNIO



Code	A	B	n°	C	D	L1	L2	L	d	Pack.
176-1102	3/8	1/4	3	22	30	36	20	112	5.5	5
176-1103	3/8	1/4	4	22	30	36	20	148	5.5	5
176-1104	3/8	1/4	6	22	30	36	20	220	5.5	5

ADAPTER FEMALE BSP - MALE NPTF

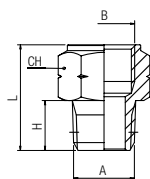
ADATTATORE FEMMINA CILINDRICO - MASCHIO NPTF

GEWINDESTUTZEN IG BSP - AG NPTF

ADAPTATEUR FEMELLE BSP - MÂLE NPTF

ADAPTADOR HEMBRA CILÍNDRICO BSP - MACHO NPTF

ADAPTADOR FÊMEA COM ROSCA PARALELA BSP - MACHO NPTF



Code	A NPTF	B G	H	L	CH	Pack.
176-1113	1/8	1/8	8.5	19.5	14	10
176-1114	1/4	1/4	13	27	17	10
176-1115	3/8	3/8	13	28	22	10

ADAPTER FEMALE NPTF - MALE G THREAD

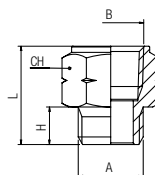
ADATTATORE FEMMINA NPTF - MASCHIO CILINDRICO

GEWINDESTUTZEN IG NPTF - AG BSP

ADAPTATEUR FEMELLE NPTF - MÂLE BSP

ADAPTADOR HEMBRA NPTF - MACHO BSP

ADAPTADOR FÊMEA NPTF - MACHO BSP



Code	A G	B NPTF	H	L	CH	Pack.
176-1117	1/8	1/8	6	17	14	10
176-1118	1/4	1/4	8	23	17	10
176-1119	3/8	3/8	9	24	22	10
176-1120	1/2	1/2	12	31.5	27	10

dB*

Livello di rumore in (dB) a 6 bar - Noise level in (dB) at 6 bar - Geräuschpegel (dB) bei 6 bar
Niveau sonore (dB) à 6 bar - Nivel de ruido en (dB) a 6 bar - Nivel de ruído em (dB) a 6 bar

SILENCER

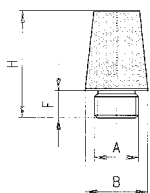
SILENZIATORE

SCHALLDÄMPFER

SILENCIEUX D'ÉCHAPPEMENT

SILENCIADOR

SILENCIADOR



Code	A	F	B	H	dB*	Pack.
176-2273	1/8	4.5	12.5	21	81	10
176-2274	1/4	6	15	25	83	10
176-2275	3/8	8.5	19	34.5	87	10
176-2277	1/2	8	23	43	90	10
176-2278	3/4	9	30	50	92 a 4 Bar	10

min

max



Temperature

- 10 °C

+ 80 °C



Pressure

10 bar



Soglia di filtrazione - Filtration threshold - Filterfeinheit
Capacité de filtration - Grado de filtración - Limite de filtragem

50 µm

SILENCER

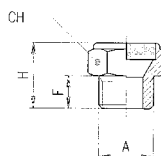
SILENZIATORE

SCHALLDÄMPFER

SILENCIEUX D'ÉCHAPPEMENT

SILENCIADOR

SILENCIADOR



Code	A	F	H	CH	dB*	Pack.
176-2279	1/8	6	14	13	73	10
176-2280	1/4	7	17	16	74	10
176-2281	3/8	8	18	19	85	10
176-2282	1/2	10	20	24	89	10

min

max



Temperature

- 10 °C

+ 80 °C



Pressure

12 bar



Soglia di filtrazione - Filtration threshold - Filterfeinheit
Capacité de filtration - Grado de filtración - Limite de filtragem

100 µm

SILENCER

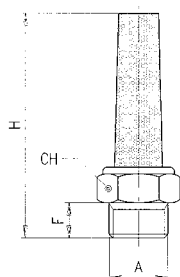
SILENZIATORE

SCHALLDÄMPFER

SILENCIEUX D'ÉCHAPPEMENT

SILENCIADOR

SILENCIADOR



Code	A	F	H	CH	dB*	Pack.
176-2283	1/8	6	44	13	76	10
176-2284	1/4	7	50	16	75	10
176-2285	3/8	8	54	19	88	10
176-2286	1/2	9	67	24	89	10

	min	max
Temperature	- 10 °C	+ 80 °C
Pressure		12 bar
Soglia di filtrazione - Filtration threshold - Filterfeinheit Capacité de filtration - Grado de filtración - Limite de filtragem		36 µm

POROUS POLYETHYLENE SILENCER

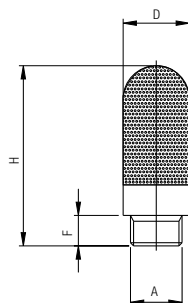
SILENZIATORE IN POLIETILENE

SCHALLDÄMPFER POLYETHYLEN

SILENCIEUX EN POLYÉTHYLÈNE

SILENCIADOR EN POLIETILENO

SILENCIADOR EM POLIETILENO



Code	A	F	H	D	Pack.
176-2287	M5	4	24.5	7.5	10
176-2288	1/8	7	33.5	13	10
176-2289	1/4	8	40	17	10
176-2290	3/8	11	65	25	10
176-2291	1/2	11	71	25	10
187-5722	3/4	15.5	138	37	5
187-5723	1"	19	157	47.5	5

	min	max
Temperature	- 20 °C	+ 80 °C
Pressure		10 bar
Soglia di filtrazione - Filtration threshold - Filterfeinheit Capacité de filtration - Grado de filtración - Limite de filtragem		50 µm

GRAFICO SILENZIATORE 7110 1/4 - PRESSIONE A 0.254 BAR

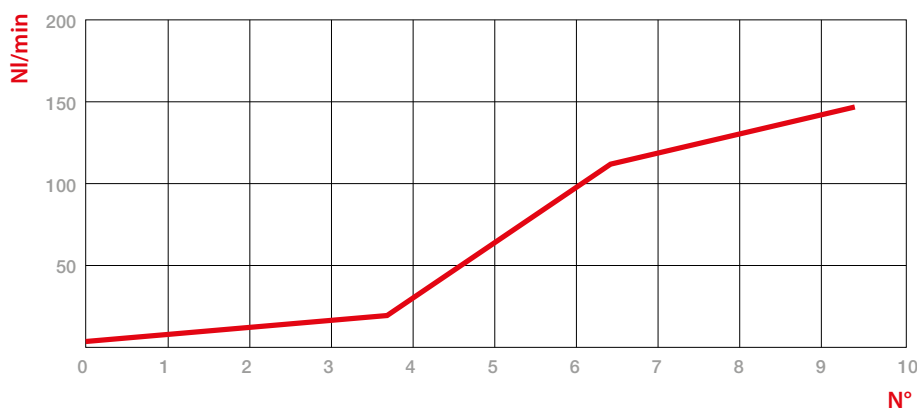
TEST GRAPH 7110 1/4" - 0.254 BAR PRESSURE

GRAFIK FÜR 7110 1/4 - 0.254 BAR DRUCK

GRAPHIQUE POUR 7110 1/4 - 0.254 BAR PRESSION

GRÁFICA PARA 7110 1/4 - 0.254 BAR DE PRESIÓN

GRÁFICO PARA 7110 1/4 - 0.254 BAR DE PRESSÃO



NI/min

Portata

Flow

Durchfluss

Débit

Caudal

Vazão

N°

Giri vite di regolazione

Adjustment screw turns

Umdrehungen an der einstellnadel

Nombre de tours de réglage

Giros de tornillo regulador

Numero de voltas agulha ajuste

IT

L'unione di un'accurata e facile regolazione con gli elementi dei silenziatori porosi in polietilene aumenta quelle che sono le prestazioni di questo articolo, le cui caratteristiche sono riportate nel grafico.

GB

The combination of accurate and easy adjustment with the porous polyethylene silencing increase the performance of this article, which characteristics are shown in the diagram.

DE

Die Kombination von präziser und einfacher Regulierung, mit einem Schalldämpfer aus porösem Polyethylen, erhöhen die Leistungsfähigkeit dieses Artikels, dessen Merkmale im folgenden Diagramm dargestellt werden:

FR

Le réglage précis et facile du silencieux en polyéthylène permet d'augmenter les performances de cet article. Ces performances sont indiquées dans le diagramme.

ES

La unión de una curada y fácil regulación con los elementos del silenciador poroso en polietileno aumentan las prestaciones de este artículo, las características del cual son representadas en el gráfico adjunto.

PT

A união de uma precisa e fácil regulagem aos elementos silenciadores porosos em polietileno aumenta significativamente a performance do silenciador, cujas características podem ser verificadas no gráfico ao lado.

POROUS POLYETHYLENE RESTRICTOR SILENCER

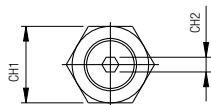
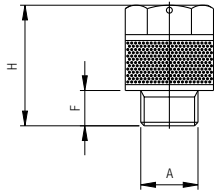
SILENZIATORE IN POLIETILENE CON REGOLAZIONE DI SCARICO

SCHALLDÄMPFER POLYETHYLEN MIT EINSTELLBARER ABLUFT SILENCIEUX

RÉGLEUR DE DÉBIT

SILENCIADOR EN POLIETILENO CON REGULACIÓN DE ESCAPE SILENCIADOR EM

POLIETILENO COM REGULAGEM DE ESCAPE



Code	A	F	H	CH1	CH2	Pack.
176-2292	1/8	5	20.5	13	2.5	10
176-2293	1/4	6	29	15	4	10

	min	max
 Temperature	- 20 °C	+ 80 °C
 Pressure		10 bar
 Soglia di filtrazione - Filtration threshold - Filterfeinheit Capacité de filtration - Grado de filtración - Limite de filtragem		50 µm