

SERIE 120 ITALIAN PROFILE



CARATTERISTICHE TECNICHE

TECHNICAL CHARACTERISTICS
TECHNISCHE ANGABEN
CARACTÉRISTIQUES TECHNIQUES
CARACTERÍSTICAS TÉCNICAS
CARACTERÍSTICAS TÉCNICAS



Norma di Riferimento

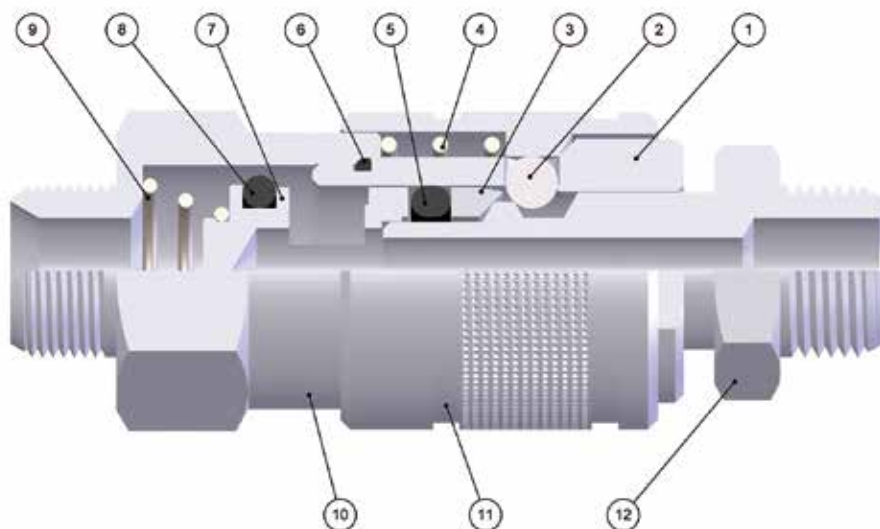
Reference standard
Entspricht der Norm
Norme de référence
Normativa de referencia
Norma de referência

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

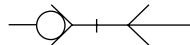
PED
2014/68/UE

SILICON
FREE

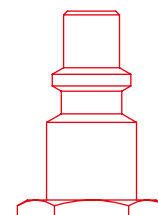


FKM A RICHIESTA
IF REQUESTED FKM
FKM AUF ANFRAGE
FKM SUR DEMANDE
FKM BAJO DEMANDA
FKM SOB ENCOMENDA

DN
5 mm



ITALIAN



1:1

Materiali e Componenti

IT

- 1 Corpo in Ottone Nichelato
- 2 Sfera in Acciaio AISI 420
- 3 Anello Guida Innesto in Ottone Nichelato
- 4 Molla Ghiera in Acciaio AISI 302
- 5 Guarnizione O-Ring in NBR
- 6 Guarnizione O-Ring in NBR
- 7 Otturatore in Ottone Nichelato
- 8 Guarnizione O-Ring in NBR
- 9 Molla Otturatore in Acciaio AISI 302
- 10 Attacco Terminale in Ottone Nichelato
- 11 Ghiera in Ottone Nichelato
- 12 Innesto in Ottone Nichelato

Component Parts and Materials

GB

- 1 Nickel-Plated Brass Body
- 2 Stainless Steel AISI 420 Balls
- 3 Nickel-Plated Brass Guide Ring Coupling
- 4 Stainless Steel AISI 302 Ring Nut Spring
- 5 NBR O-Ring Seals
- 6 NBR O-Ring Seals
- 7 Nickel-Plated Brass Shutter
- 8 NBR O-Ring Seals
- 9 Stainless Steel AISI 302 Shutter Spring
- 10 Nickel-Plated Brass Coupling Back Part
- 11 Nickel-Plated Brass Sleeve
- 12 Nickel-Plated Brass Plug Outline

Komponenten und Materialien

DE

- 1 Körper Messing Vernickelt
- 2 Kugel Edelstahl AISI 420
- 3 Stecker Führungsring Messing Vernickelt
- 4 Entriegelungsfeder Edelstahl AISI 302
- 5 O-Ring NBR
- 6 O-Ring NBR
- 7 Verschluss Messing Vernickelt
- 8 O-Ring NBR
- 9 Verschlussfeder Edelstahl AISI 302
- 10 Einschraubkörper Messing Vernickelt
- 11 Entriegelungshülse Messing Vernickelt
- 12 Stecker Messing Vernickelt

Matériaux et Composants

FR

- 1 Corps: Laiton Nickelé
- 2 Bille: Acier Inoxydable AISI 420
- 3 Bague de Guidage: Laiton Nickelé
- 4 Ressort de Bague: Acier Inoxydable AISI 302
- 5 Joint Torique en NBR
- 6 Joint Torique en NBR
- 7 Clapet: Laiton Nickelé
- 8 Joint Torique en NBR
- 9 Ressort de Clapet: Acier Inoxydable AISI 302
- 10 Corps: Laiton Nickelé
- 11 Bague: Laiton Nickelé
- 12 Embout: Laiton Nickelé

Materiales y Componentes

ES

- 1 Cuerpo en latón niquelado
- 2 Esfera en acero AISI 420
- 3 Anillo guía enchufe en latón niquelado
- 4 Muelle tuerca en acero AISI 302
- 5 Junta tórica en NBR
- 6 Junta tórica en NBR
- 7 Obturador en latón niquelado
- 8 Junta tórica en NBR
- 9 Muelle obturador en acero AISI 302
- 10 Terminal de conexión en latón niquelado
- 11 Tuerca en latón niquelado
- 12 Enchufe en latón niquelado

Materiais e Componentes

PT

- 1 Corpo em Latão Niquelado
- 2 Esfera em aço AISI 420
- 3 Anel guia do plug em latão niquelado
- 4 Mola da porca em aço AISI 302
- 5 Vedação O-Ring em NBR
- 6 Vedação O-Ring em NBR
- 7 Obturador em latão niquelado
- 8 Vedação O-Ring em NBR
- 9 Mola do obturador em aço AISI 302
- 10 Conexão terminal em latão niquelado
- 11 Porca em latão niquelado
- 12 Plug em latão niquelado



Pressione d'esercizio

Working Pressures

Betriebsdruck

Pression de service

Presión de Ejercicio

Pressão de Trabalho

0 bar**16 bar**

Max pressione statica (no pulsazioni)

Maximum static pressure (no pulsations)

Maximaler statischer Betriebsdruck (ohne pulsations)

Pression statique maximale (sans pulsation)

Presión estática máxima (sin pulsaciones)

Pressão estática máxima (sem pulsações)

35 bar

Temperature

Temperatures

Temperatur

Températures

Temperaturas

Temperaturas

- 20 °C**+ 80 °C**

Con O-ring in FKM

With FKM O-ring

Mit O-ring in FKM

Avec joints en FKM

Con junta tórica en FKM

Com O-ring em FKM

- 10 °C**+ 200 °C**

Fluidi compatibili

Aria compressa

Fluids

Compressed air

Geeignete Medien

Druckluft

Fluides compatibles

Air comprimé

Fluidos compatibles

Aire comprimido

Fluidos compatíveis

Ar comprimido

Per altri fluidi, consultare l'ufficio tecnico Aignep.

For other fluids, consult the technical department Aignep.

Für andere Flüssigkeiten, kontaktieren Sie uns.

Pour d'autres fluides, veuillez nous consulter.

Para otros fluidos póngase en contacto con el departamento técnico Aignep.

Para outros fluidos consulte o departamento técnico da Aignep.



Portata

NI/min

Flow Rate

Durchflusswerte

Débit

Caudal de Flujo

Vazão

6 bar
Δ 1**6 bar**
Δ 0.5**6 bar**
Δ 0*

1100

800

1500

* Scarico libero - Exhaust Free - Kostenlose Auspuff - Échappement libre - Escape Libre - Descarga libre.



Filettatura

IT

Gas cilíndrica conforme ISO 228 Classe A.

Threads

GB

Parallel gas in conformity with ISO 228 Class A.

Gewindearten

DE

Zylindrisches Gewinde nach Norm ISO 228 Classe A.

Filetages

FR

Filetage cylindrique conforme: ISO 228 Classe A.

Roscas

ES

Gas cilíndrica conforme ISO 228 Clase A.

Roscas

PT

Gas paralela conforme ISO 228 Classe A.

121

PRESA CON ATTACCO MASCHIO

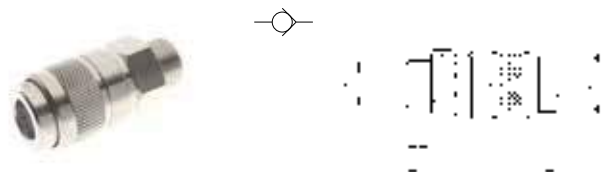
MALE SOCKET

MIT AUSSENGEWINDE

COUPLEUR MÂLE

ENCHUFE MACHO

SOQUETE COM ROSCA MACHO



Code	A	B	C	D	CH	Pack.
00121 00 001	1/4	8	53	24	21	10
00121 00 002	3/8	9	54	24	21	10
00121 00 003	1/2	10	55	24	24	10

122

PRESA CON ATTACCO FEMMINA

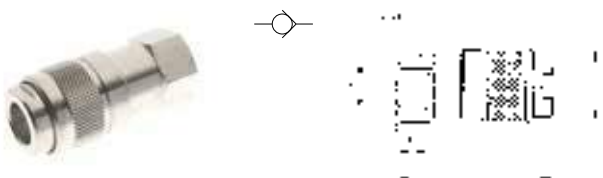
FEMALE SOCKET

VERSCHLUSS-KUPPLUNG MIT INNENGEWINDE

COUPLEUR FEMELLE

ENCHUFE HEMBRA

SOQUETE COM ROSCA FÊMEA



Code	A	B	C	D	CH	Pack.
00122 00 001	1/4	11	55	24	21	10
00122 00 002	3/8	11.5	55.5	24	21	10
00122 00 003	1/2	14	59	24	24	10

123

PRESA CON ATTACCO A CALZAMENTO CON MOLLA

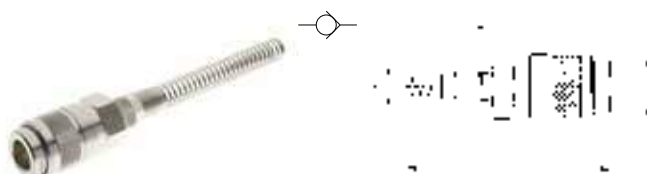
COMPRESSION SOCKET WITH SPRING

VERSCHLUSS-KUPPLUNG MIT KNICKSCHUTZFEDER

COUPLEUR AVEC RESSORT DE PROTECTION

ENCHUFE TUBO CON MUELLE

SOQUETE COM CONEXÃO PUSH-ON COM MOLA



Code	A	B	C	D	CH	Pack.
00123 00 001	6/4	-	141	24	21	10
00123 00 002	8/6	-	146.5	24	21	10
00123 00 003	10/8	-	154	24	21	10

124

PRESA CON ATTACCO A CALZAMENTO

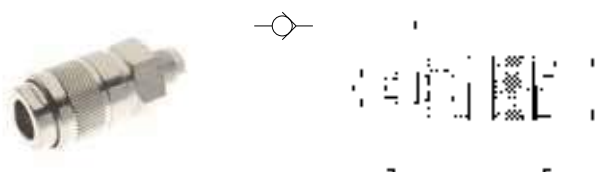
COMPRESSION SOCKET

VERSCHLUSS-KUPPLUNG MIT ÜBERWURFVERSCHRAUBUNG

COUPLEUR RACCORD À COIFFE

ENCHUFE TUBO

SOQUETE COM CONEXÃO PUSH-ON



Code	A	B	C	D	CH	Pack.
00124 00 001	6/4	-	59	24	21	10
00124 00 002	8/6	-	59	24	21	10
00124 00 003	10/8	-	60	24	21	10

125**PRESA CON PORTAGOMMA A RESCA**

SOCKET WITH REST FOR RUBBER HOSE

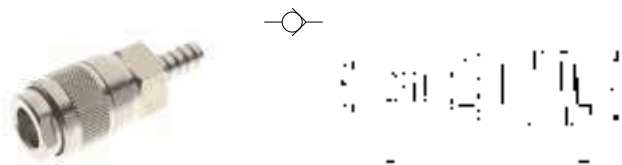
VERSCHLUSS-KUPPLUNG MIT SCHLAUCHTÜLLE

COUPLEUR À DOUILLE ANNELÉE POUR TUBE

ENCHUFE ESPIGA

SOQUETE COM ESPIGÃO PARA MANGUEIRA DE BORRACHA

Code	A	B	C	D	CH	Pack.
00125 00 001	6	-	64	24	21	10
00125 00 002	8	-	64	24	21	10
00125 00 003	10	-	64	24	21	10
00125 00 004	12	-	64	24	21	10

**126****PRESA CON PORTAGOMMA**

SOCKET FOR RUBBER HOSE

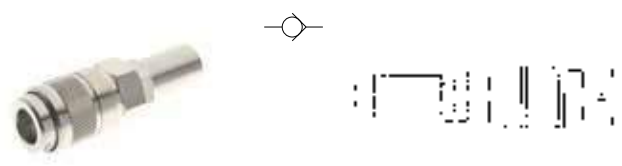
VERSCHLUSS-KUPPLUNG FÜR GUMMISCHLAUCH

COUPLEUR A DOUILLE POUR TUBE

ENCHUFE CON PORTAGOMA

SOQUETE COM ESPIGÃO PARA TUBO DE BORRACHA

Code	A	B	C	D	CH	Pack.
00126 00 001	14/6	-	72	24	21	10
00126 00 002	17/8	-	72	24	21	10
00126 00 003	19/10	-	72	24	21	10

**251****INNESTO CON ATTACCO MASCHIO**

MALE PLUG

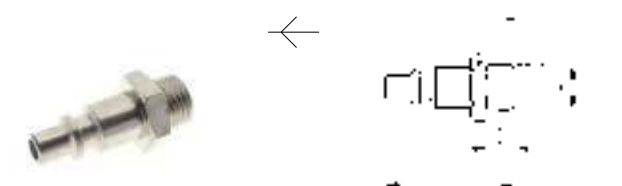
STECKER MIT AUSSENGEWINDE

EMBOUT MÂLE

ADAPTADOR MACHO

PLUG COM ROSCA MACHO

Code	A	B	C	D	CH	Pack.
00251 00 01 03 NB	1/4	8	38	-	17	10
00251 00 01 04 NB	3/8	9	39	-	19	10
00251 00 01 05 NB	1/2	10	40.5	-	24	10

**251AC****INNESTO IN ACCIAIO CON ATTACCO MASCHIO**

STEEL MALE PLUG

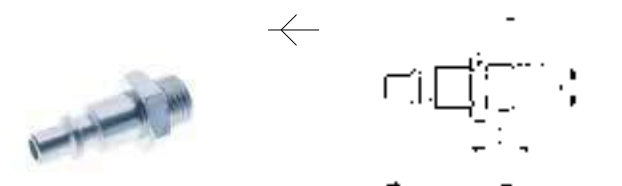
STECKER MIT AUSSENGEWINDE AUS STAHL

EMBOUT MÂLE EN ACIER

ADAPTADOR EN ACERO MACHO

PLUG EM AÇO COM ROSCA MACHO

Code	A	B	C	D	CH	Pack.
251AC 00 51 03 ZI	1/4	8	38	-	17	10
251AC 00 51 04 ZI	3/8	9	39	-	19	10
251AC 00 51 05 ZI	1/2	10	40.5	-	24	10

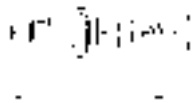


ACCIAIO INDURITO
HARDENED STEEL
GEHÄRTETEM STAHL
ACIER TREMPÉ
ACERO CURTIDO
AÇO ENDURECIDO

252

INNESTO CON ATTACCO FEMMINA

FEMALE PLUG
 STECKER MIT INNENGEWINDE
 EMBOUT FEMELLE
 ADAPTADOR HEMBRA
 PLUG COM ROSCA FÊMEA

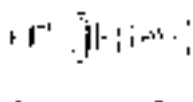


Code	A	B	C	D	CH	Pack.
00252 00 01 03 NB	1/4	11	38	-	17	10
00252 00 01 04 NB	3/8	11.5	38.5	-	19	10
00252 00 01 05 NB	1/2	14	41	-	24	10

252AC

INNESTO IN ACCIAIO CON ATTACCO FEMMINA

STEEL FEMALE PLUG
 STECKER MIT INNENGEWINDE AUS STAHL
 EMBOUT FEMELLE EN ACIER
 ADAPTADOR EN ACERO HEMBRA
 PLUG EM AÇO COM ROSCA FÊMEA



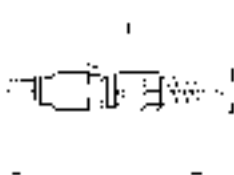
Code	A	B	C	D	CH	Pack.
252AC 00 51 03 ZI	1/4	11	38	-	17	10
252AC 00 51 04 ZI	3/8	11.5	38.5	-	19	10
252AC 00 51 05 ZI	1/2	14	41	-	24	10

ACCIAIO INDURITO
 HARDENED STEEL
 GEHÄRTETEM STAHL
 ACIER TREMPÉ
 ACERO CURTIDO
 AÇO ENDURECIDO

253

INNESTO CON ATTACCO A CALZAMENTO CON MOLLA

COMPRESSION PLUG WITH SPRING
 STECKER MIT KNICKSCHUTZFEDER
 EMBOUT AVEC RESSORT DE PROTECTION
 ADAPTADOR TUBO CON MUELLE
 PLUG COM CONEXÃO PUSH-ON COM MOLA

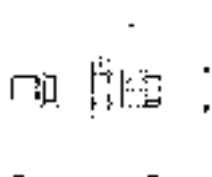


Code	A	B	C	D	CH	Pack.
00253 00 001	6/4	-	124.5	-	13	10
00253 00 002	8/6	-	130	-	13	10
00253 00 003	10/8	-	137.5	-	14	10
00253 00 004	12/10	-	143	-	16	10

254

INNESTO CON ATTACCO A CALZAMENTO

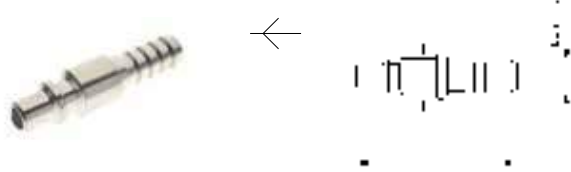
COMPRESSION PLUG
 STECKER MIT ÜBERWURFVERSCHRAUBUNG
 EMBOUT À RACCORD À COIFFE
 ADAPTADOR TUBO
 PLUG COM CONEXÃO PUSH-ON



Code	A	B	C	D	CH	Pack.
00254 00 001	6/4	-	43.5	-	13	10
00254 00 002	8/6	-	43.5	-	13	10
00254 00 003	10/8	-	44.5	-	14	10
00254 00 004	12/10	-	46	-	16	10

255**INNESTO CON PORTAGOMMA A RESCA**

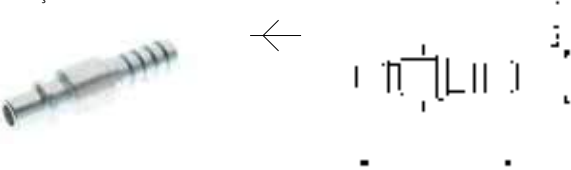
PLUG WITH REST FOR RUBBER HOSE
 STECKER MIT SCHLAUCHTÜLLE
 EMBOUT À DOUILLE ANNELÉE POUR TUBE
 ADAPTADOR ESPIGA
 PLUG COM ESPIGÃO PARA TUBO DE BORRACHA



Code	A	B	C	D	CH	Pack.
00255 00 01 X4 NB	6	-	44.5	12	-	10
00255 00 01 X7 NB	8	-	44.5	12	-	10
00255 00 01 X9 NB	10	-	47.5	14	-	10
00255 00 01 Y1 NB	12	-	47.5	16	-	10

255AC**INNESTO IN ACCIAIO CON PORTAGOMMA A RESCA**

STEEL PLUG WITH REST FOR RUBBER HOSE
 STECKER MIT SCHLAUCHTÜLLE AUS STAHL
 EMBOUT À DOUILLE ANNELÉE POUR TUBE EN ACIER
 ADAPTADOR EN ACERO ESPIGA
 PLUG EM AÇOÙ COM ESPIGÃO PARA TUBO DE BORRACHA

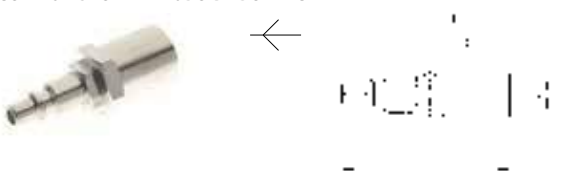


Code	A	B	C	D	CH	Pack.
255AC 00 51 X4 ZI	6	-	44.5	12	-	10
255AC 00 51 X7 ZI	8	-	44.5	12	-	10
255AC 00 51 X9 ZI	10	-	47.5	14	-	10
255AC 00 51 Y1 ZI	12	-	47.5	16	-	10

ACCIAIO INDURITO
 HARDENED STEEL
 GEHÄRTETEM STAHL
 ACIER TREMPÉ
 ACERO CURTIDO
 AÇO ENDURECIDO

256**INNESTO CON PORTAGOMMA**

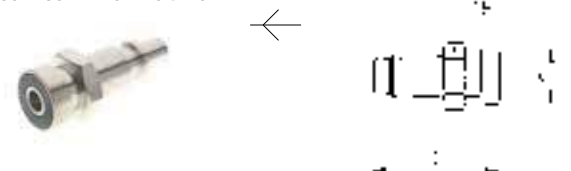
PLUG FOR RUBBER HOSE
 STECKER FÜR GUMMISCHLAUCH
 EMBOUT POUR TUBE
 ADAPTADOR CON PORTAGOMA
 PLUG COM ESPIGÃO PARA TUBO DE BORRACHA



Code	A	B	C	CH1	CH2	Pack.
00256 00 001	14/6	-	60	15	17	10
00256 00 002	17/8	-	60	15	20	10
00256 00 003	19/10	-	60	15	22	10

257**INNESTO CON ATTACCO A BAIONETTA**

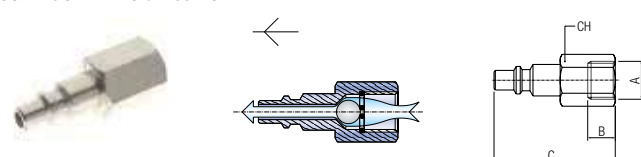
BAYONET PLUG
 STECKER MIT BAJONETT-VERSCHLUSS
 EMBOUT À RACCORD À BAIONNETTE
 ADAPTADOR BAYONETA
 PLUG COM CONEXÃO TIPO BAIONETA



Code	A	B	C	D	CH	Pack.
00257 00 001	15	-	38.5	-	15	10

258**INNESTO A SCARICO PROGRESSIVO**

PLUG WITH GRADUAL EXHAUST
 STECKER MIT PROGRESSIVER ENTLASTUNG
 EMBOUT À PASSAGE PROGRESSIF
 ADAPTADOR DE DESCARGA PROGRESIVA
 PLUG COM ESCAPE PROGRESSIVO



Code	A	B	C	CH	Pack.
00258 00 001	1/4	11	46.5	17	10