

Quick Couplings

1/4 MULTISOCKET



80190 Series

Pag. 17.3 - 17.7

STAINLESS STEEL AISI 316 L MULTISOCKET



83190 Series

Pag. 17.8 - 17.9

3/8 MULTISOCKET



80190 Series

Pag. 17.10 - 17.11

3/8 B-SOCKET - TOP FLOW



80720 Series

Pag. 17.12 - 17.13

AC MINI



80110 Series

Pag. 17.14 - 17.15

1/4 INDUSTRIAL INTERCHANGE



80120 Series

Pag. 17.16 - 17.17

3/8 INDUSTRIAL INTERCHANGE



80130 Series

Pag. 17.18 - 17.19

Safety Quick Couplings

SAFETY COUPLERS



80620 Series

Pag. 17.21 - 17.22

BUTTON SAFETY COUPLERS



8B120 Series

Pag. 17.23 - 17.24

WB 360 Series

BLOW GUNS



WB 360 Series

Pag. 17.27

QUICK DISCONNECT COUPLERS



Quick Couplings Series



TECHNICAL CHARACTERISTICS



Standard Reference

1907/2006

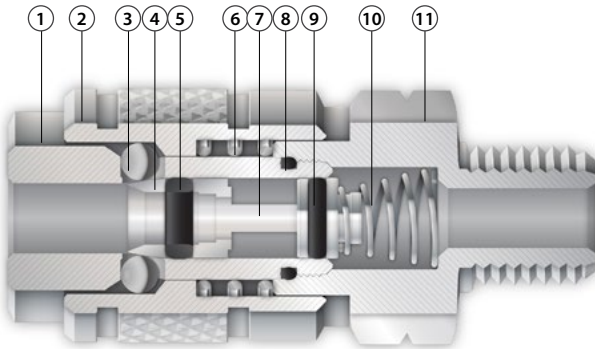
REACH ✓

2011/65/CE

ROHS ✓

PED
2014/68/UE

ISO
14743:2020

SILICON
FREE


Component Parts and Materials

- 1 Nickel Plated Brass Body
- 2 Nickel Plated Brass Sleeve
- 3 420 Stainless Steel Ball
- 4 Nickel Plated Brass Guide Ring
- 5 NBR O-Ring Seal
- 6 302 Stainless Steel Ring Nut Spring
- 7 Nickel Plated Brass Shutter
- 8 NBR O-Ring Seal
- 9 NBR O-Ring Seal
- 10 302 Stainless Steel Shutter Spring
- 11 Nickel Plated Brass Coupler



Pressure Rating

0 PSI ~ 232 PSI
0 bar ~ 16 bar
0 MPa ~ 1.6 MPa

Maximum static pressure

507 PSI
35 bar
3.5 MPa



Temperature Rating

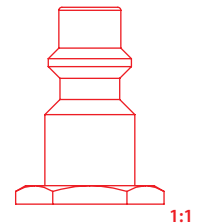
NBR

-4° F ~ 176° F
-20° C ~ 80° C

FKM on request

14° F ~ 392° F
-10° C ~ 200° C

1/4 INDUSTRIAL



1:1

DN
5.5 mm



Flow Rate

CFM (NI/min)

Plug	87 psi Δ 14.5	87 psi Δ 7.2	87 psi Δ 0 (Exhaust Free)
1/4 IND.	38.8 (1100)	28.25 (800)	52.97 (1500)



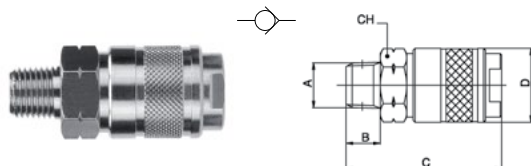
Media

- Compressed air
- For other fluids, consult Aignep's technical department.

1/4" INDUSTRIAL INTERCHANGE

80121

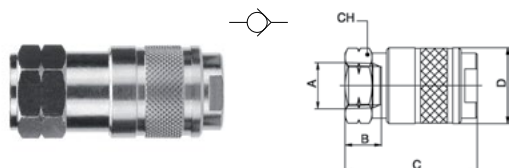
1/4" INDUSTRIAL MALE



Code	Usa Ref	A NPTF	B	C	D	CH	Pack
80121 00 001	80121-04	1/4	.512 (13)	2.224 (56,5)	.945 (24)	.827 (21)	10
80121 00 002	80121-06	3/8	.512 (13)	2.224 (56,5)	.945 (24)	.827 (21)	10
80121 00 003	80121-08	1/2	.669 (17)	2.402 (61)	.945 (24)	.945 (24)	10

80122

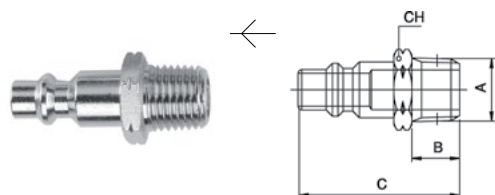
1/4" INDUSTRIAL FEMALE



Code	Usa Ref	A NPTF	B	C	D	CH	Pack
80122 00 001	80122-04	1/4	.531 (13,5)	2.205 (56)	.945 (24)	.827 (21)	10
80122 00 002	80122-06	3/8	.531 (13,5)	2.205 (56)	.945 (24)	.827 (21)	10
80122 00 003	80122-08	1/2	.689 (17,5)	2.421 (61,5)	.945 (24)	.945 (24)	10

80221

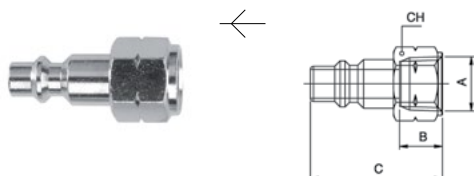
1/4" INDUSTRIAL MALE PLUG



Code	Usa Ref	A NPTF	B	C	CH	Pack
80221 00 01 03 NB	80221-04	1/4	.512 (13)	1.634 (41,5)	.669 (17)	10
80221 00 01 04 NB	80221-06	3/8	.512 (13)	1.634 (41,5)	.748 (19)	10
80221 00 01 05 NB	80221-08	1/2	.669 (17)	1.811 (46)	.866 (22)	10

80222

1/4" INDUSTRIAL FEMALE PLUG



Code	Usa Ref	A NPTF	B	C	CH	Pack
80222 00 01 03 NB	80222-04	1/4	.531 (13,5)	1.535 (39)	.669 (17)	10
80222 00 01 04 NB	80222-06	3/8	.531 (13,5)	1.535 (39)	.787 (20)	10
80222 00 01 05 NB	80222-08	1/2	.689 (17,5)	1.693 (43)	.944 (24)	10