

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

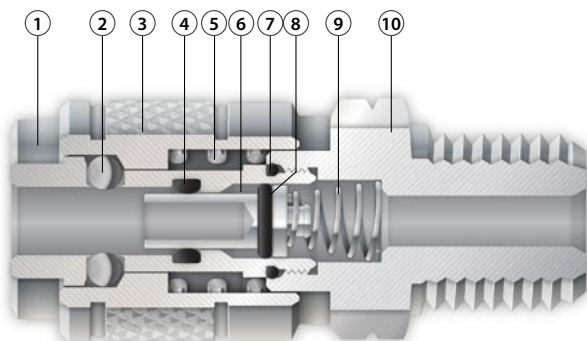
2014/68/UE

ISO

14743:2020

SILICON

FREE



Component Parts and Materials

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

AC MINI



1:1



Temperature Rating

NBR
-4° F ~ 176° F
-20° C ~ 80° C

FKM on request
14° F ~ 392° F
-10° C ~ 200° C



Flow Rate

CFM (NI/min)

87 psi Δ 14.5	87 psi Δ 7.2	87 psi Δ 0 (Exhaust Free)
8.48 (240)	6.71 (190)	11.3 (320)

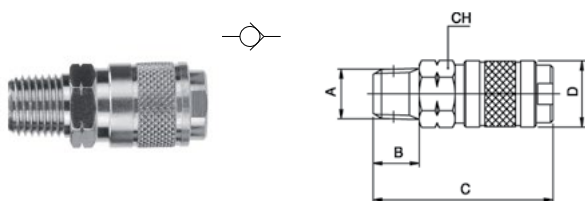


Media

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

80111

AC MINI MALE

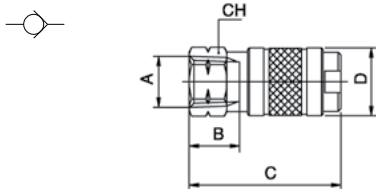


Code	Usa Ref	A NPTF	B	C	D	CH	Pack
80111 00 001	80111-02	1/8	.335 (8,5)	1.496 (38)	.709 (18)	.630 (16)	10
80111 00 002	80111-04	1/4	.512 (13)	1.673 (42,5)	.709 (18)	.630 (16)	10
80111 00 003	80111-06	3/8	.512 (13)	1.673 (42,5)	.709 (18)	.751 (19)	10

80112

AC MINI FEMALE

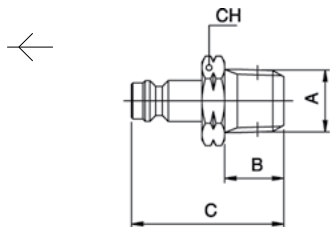
Code	Usa Ref	A NPTF	B	C	D	CH	Pack
80112 00 001	80112-02	1/8	.335 (8,5)	1.457 (37)	.709 (18)	.630 (16)	10
80112 00 002	80112-04	1/4	.531 (13,5)	1.614 (41)	.709 (18)	.669 (17)	10
80112 00 003	80112-06	3/8	.531 (13,5)	1.614 (41)	.709 (18)	.787 (20)	10



80211

AC MINI MALE PLUG

Code	Usa Ref	A NPTF	B	C	CH	Pack
80211 00 01 02 NB	80211-02	1/8	.335 (8,5)	1.122 (28,5)	.551 (14)	10
80211 00 01 03 NB	80211-04	1/4	.512 (13)	1.319 (33,5)	.669 (17)	10
80211 00 01 04 NB	80211-06	3/8	.512 (13)	1.319 (33,5)	.748 (19)	10



80212

AC MINI FEMALE PLUG

Code	Usa Ref	A NPTF	B	C	CH	Pack
80212 00 01 02 NB	80212-02	1/8	.374 (9,5)	1.063 (27)	.551 (14)	10
80212 00 01 03 NB	80212-04	1/4	.531 (13,5)	1.220 (31)	.669 (17)	10
80212 00 01 04 NB	80212-06	3/8	.531 (13,5)	1.220 (31)	.787 (20)	10

