

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



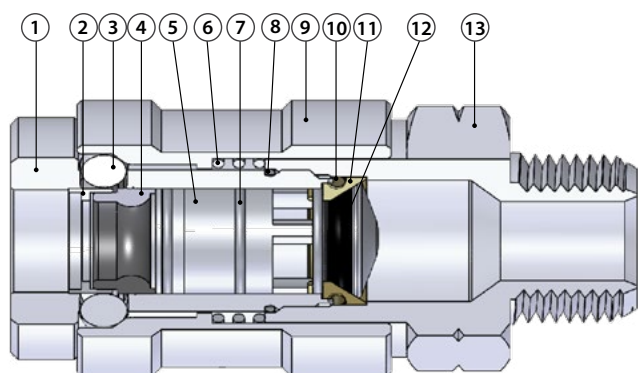
Universal quick disconnect

TOP FLOW

One socket for 2 different plugs

It's a fact that there are various Quick-Disconnect plugs available on the market today. In most cases, each plug needs a specific coupler that is not interchangeable.

To get around this issue, Aignep is proud to offer to its customers a practical and cost-effective solution. **B-SOCKET** is a universal coupler that works with the 2 main types of QD plugs.



Standard Reference

1907/2006

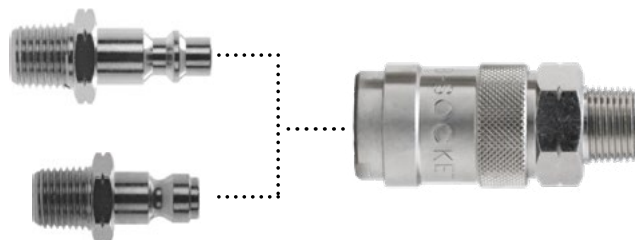
REACH

2011/65/CE

RoHS

PED
2014/68/UE

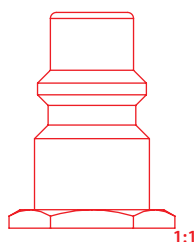
SILICON
FREE



Component Parts and Materials

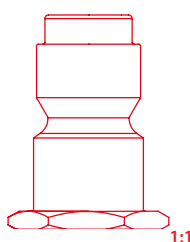
- 1 Nickel Plated Brass Body
- 2 Nickel Plated Brass Guide Ring
- 3 420 Stainless Steel Ball
- 4 NBR Plug Molded Seal
- 5 Nickel Plated Brass Shutter
- 6 302 Stainless Steel Ring Nut Spring
- 7 302 Stainless Steel Shutter Spring
- 8 NBR O-Ring Seal
- 9 Nickel Plated Brass Sleeve
- 10 NBR O-Ring Seal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

3/8 INDUSTRIAL



DN
9 mm

3/8 TRU-FLATE



DN
9 mm



Pressure Rating

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

Maximum static pressure

507 PSI
35 bar
3.5 MPa



Media

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



Flow Rate

CFM (NI/min)

Plug	87 psi Δ 14.5	87 psi Δ 7.2	87 psi Δ 0 (Exhaust Free)
3/8 IND.	83.4 (2360)	109.5 (3100)	145.6 (4120)
3/8 TRU-FLATE	67.1 (1900)	85.9 (2430)	102.5 (2900)



Temperatures

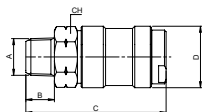
NBR
-4° F ~ 176° F
-20° C ~ 80° C

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

3/8" B-SOCKET

80721

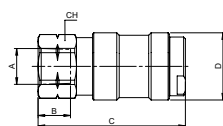
3/8" MALE NPTF



Code	Usa Ref	A NPTF	B	C	D	CH	Pack
80721 00 001	80721-06	3/8	.512 (13)	2.516 (63.9)	1.102 (28)	1.102 (28)	2
80721 00 002	80721-08	1/2	.669 (17)	2.673 (67.9)	1.102 (28)	1.102 (28)	2

80722

3/8" FEMALE NPTF

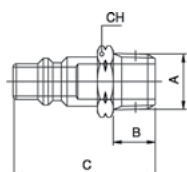


Code	Usa Ref	A NPTF	B	C	D	CH	Pack
80722 00 001	80722-06	3/8	.531 (13,5)	2.515 (63.9)	1.102 (28)	.945 (24)	2
80722 00 002	80722-08	1/2	.689 (17,5)	2.673 (67.9)	1.102 (28)	.945 (24)	2

3/8 INDUSTRIAL - 3/8 TRU-FLATE

80231

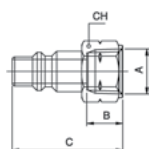
3/8" INDUSTRIAL MALE



Code	Usa Ref	A NPTF	B	C	CH	Pack
80231 00 01 04 NB	80231-06	3/8	.512 (13)	1.732 (44)	.748 (19)	10
80231 00 01 05 NB	80231-08	1/2	.669 (17)	1.909 (48,5)	.866 (22)	10

80232

3/8" INDUSTRIAL FEMALE



Code	Usa Ref	A NPTF	B	C	CH	Pack
80232 00 01 04 NB	80232-06	3/8	.531 (13,5)	1.634 (41,5)	.787 (20)	10
80232 00 01 05 NB	80232-08	1/2	.669 (17)	1.791 (45,5)	.866 (22)	10