Quick Couplings

1/4 MULTISOCKET



80190 Series

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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

Click here to view the Quick Couplings Series on our Website

AIGNEP

QUICK DISCONNECT COUPLERS



Quick Couplings Series

TECHNICAL CHARACTERISTICS

Standard Reference

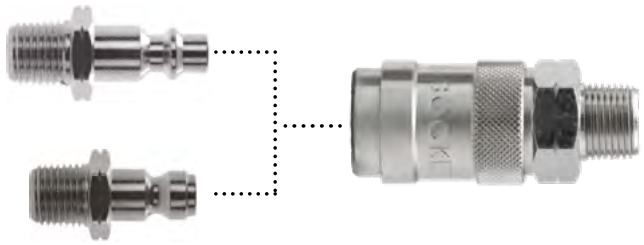
1907/2006 REACH ✓ | 2011/65/CE RoHS ✓ | PED 2014/68/UE | SILICON FREE

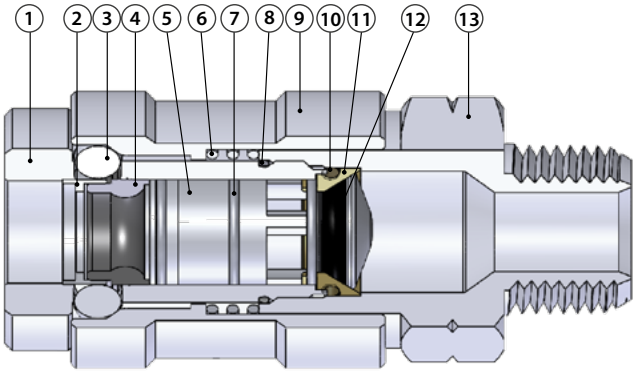
B-SOCKET Universal quick disconnect **TOP FLOW**

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 of 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.

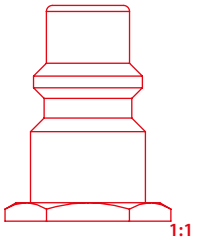




Component Parts and Materials

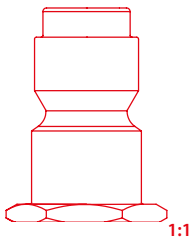
1. Nickel-plated brass body
2. Nickel-plated brass guide ring
3. 420 stainless steel ball
4. NBR plug molded seal
5. Nickel-plated brass shutter
6. 302 stainless steel ring nut spring
7. 302 stainless steel shutter spring
8. NBR O-ring seal
9. Nickel-plated brass sleeve
10. NBR O-ring seal
11. Brass 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 psi ~ 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 (Nl/min)

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

Temperatures

NBR
-4 °F ~ 176 °F
-20 °C ~ 80 °C

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

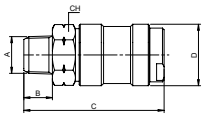
3/8" B-SOCKET

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



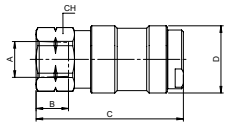


80722

3/8" FEMALE NPTF

Code	Usa Ref	A NPTF	B	C	D	CH	Pack
80722 00 001	80722-06	3/8	.531 (13.5)	2.516 (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





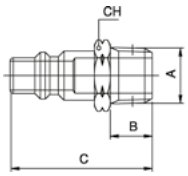
3/8 INDUSTRIAL - 3/8 TRU-FLATE

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



