

## 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



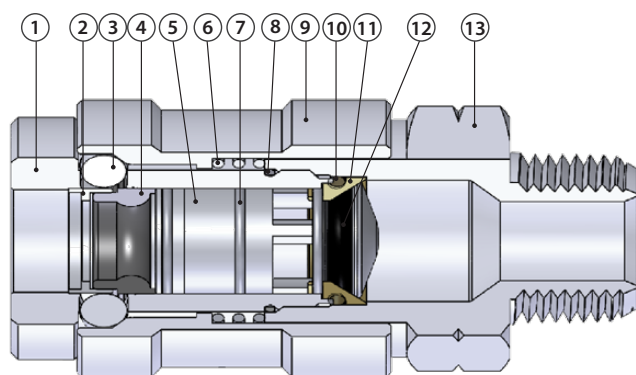
Universal quick disconnect

## 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

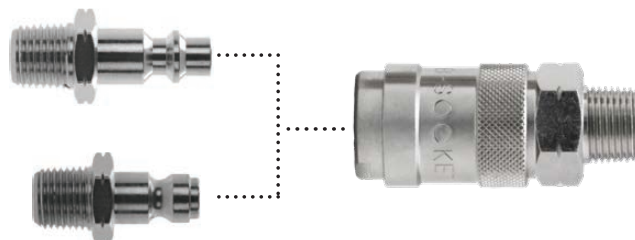
RoHS

PED

2014/68/UE

SILICON

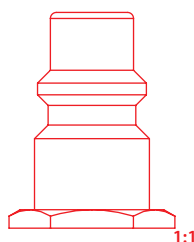
FREE



### Component Parts and Materials

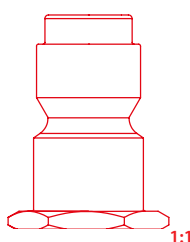
- 1 Nickel Plated Brass Body
- 2 Nickel Plated Brass Guide Ring
- 3 420 Stainless Steel Ball
- 4 NBR Plug Molded Seal
- 5 Nickel Plated Brass Shutter
- 6 302 Stainless Steel Ring Nut Spring
- 7 302 Stainless Steel Shutter Spring
- 8 NBR O-Ring Seal
- 9 Nickel Plated Brass Sleeve
- 10 NBR O-Ring Seal
- 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<br>Δ 14.5 | 87 psi<br>Δ 7.2 | 87 psi<br>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

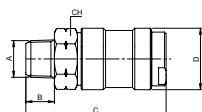
NBR  
-4° F ~ 176° F  
-20° C ~ 80° C

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

## 3/8" B-SOCKET

### 80721

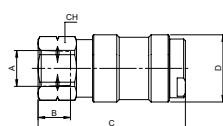
3/8" MALE NPTF



| 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

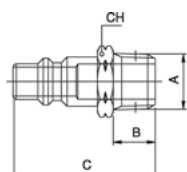


| Code         | Usa Ref  | A NPTF | B           | C            | D          | CH        | Pack |
|--------------|----------|--------|-------------|--------------|------------|-----------|------|
| 80722 00 001 | 80722-06 | 3/8    | .531 (13,5) | 2.515 (63.9) | 1.102 (28) | .945 (24) | 2    |
| 80722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

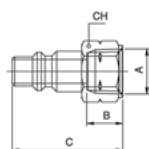
3/8" INDUSTRIAL MALE



| 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   |