

## 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

## SAFETY QUICK COUPLINGS



**Safety Quick Couplings Series**



## TECHNICAL CHARACTERISTICS



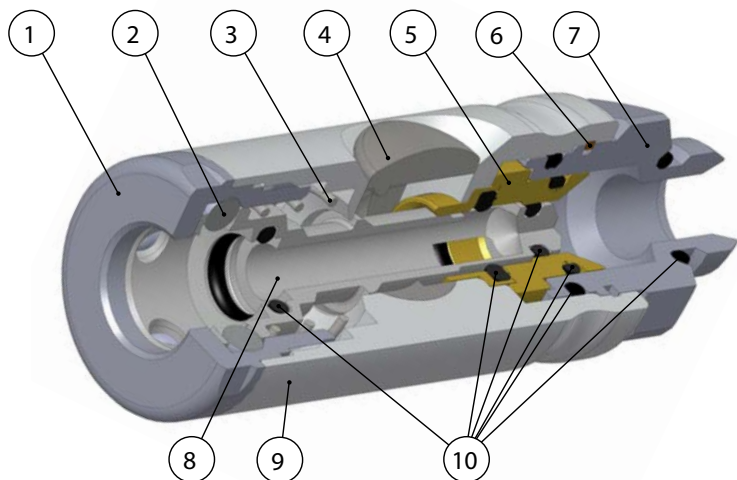
### Standard Reference

1907/2006  
REACH ✓

2011/65/CE  
RoHS ✓

PED  
2014/68/UE

ISO  
4414

SILICON  
FREE


### Component Parts and Materials

- 1 Nickel-plated brass ring
- 2 INOX steel AISI 420 ball
- 3 INOX steel AISI 302 shutter thrust spring
- 4 Steel button
- 5 Brass body
- 6 Brass ring
- 7 Nickel-plated brass coupling back part
- 8 Steel shutter
- 9 Aluminium Body
- 10 NBR O-ring

ORIENTABLE  
SOCKET


**NOTE:** Recommended for use with steel plugs.



### Pressure Rating

0 ~ 217 PSI  
0 ~ 15 bar  
0 ~ 1.5 MPa

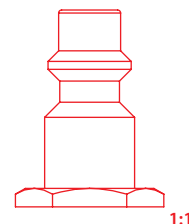


### Flow Rate

CFM (NI/min)

| Code           | 87 psi<br>Δ 14.5 | 87 psi<br>Δ 7.2 | 87 psi<br>Δ 0 (Exhaust Free) |
|----------------|------------------|-----------------|------------------------------|
| <b>80221AC</b> | 30.01 (850)      | 22.95 (650)     | 45.91 (1300)                 |

1/4 INDUSTRIAL



1:1



### Temperature Rating

-4° F ~ 176° F  
-20° C ~ 80° C



### Media

- Compressed air

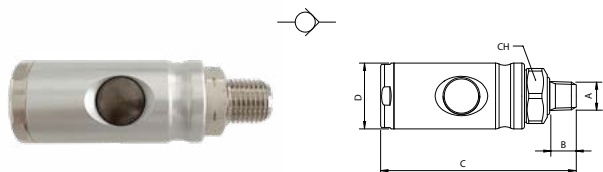
DN  
5.5 mm

## 8B120 SERIES - SAFETY INDUSTRIAL - NPTF

### 8B121

SAFETY INDUSTRIAL MALE NPTF

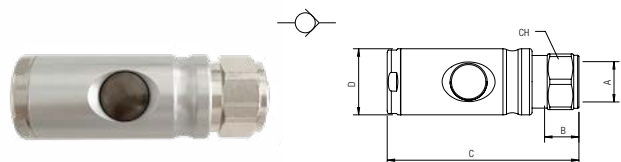
| Code         | Usa Ref  | A NPTF | B         | C            | D         | CH        | Pack |
|--------------|----------|--------|-----------|--------------|-----------|-----------|------|
| 8B121 00 001 | 8B121-04 | 1/4    | .512 (13) | 3.011 (76,5) | .984 (25) | .827 (21) | 10   |
| 8B121 00 002 | 8B121-06 | 3/8    | .512 (13) | 3.011 (76,5) | .984 (25) | .827 (21) | 10   |
| 8B121 00 003 | 8B121-08 | 1/2    | .669 (17) | 3.250 (82,5) | .984 (25) | .984 (25) | 10   |



### 8B122

SAFETY INDUSTRIAL FEMALE NPTF

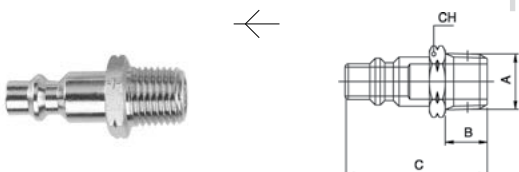
| Code         | Usa Ref  | A NPTF | B           | C            | D         | CH        | Pack |
|--------------|----------|--------|-------------|--------------|-----------|-----------|------|
| 8B122 00 001 | 8B122-04 | 1/4    | .531 (13,5) | 2.930 (74,5) | .984 (25) | .827 (21) | 10   |
| 8B122 00 002 | 8B122-06 | 3/8    | .531 (13,5) | 2.910 (74)   | .984 (25) | .827 (21) | 10   |
| 8B122 00 003 | 8B122-08 | 1/2    | .689 (17,5) | 3.110 (79)   | .984 (25) | .944 (24) | 10   |



### 80221AC

1/4 INDUSTRIAL Male (Steel)

| Code              | Usa Ref    | A NPTF | B         | C            | CH        | Pack |
|-------------------|------------|--------|-----------|--------------|-----------|------|
| 80221 AC 51 03 ZI | 80221AC-04 | 1/4    | .512 (13) | 1.634 (41,5) | .669 (17) | 10   |
| 80221 AC 51 04 ZI | 80221AC-06 | 3/8    | .512 (13) | 1.634 (41,5) | .748 (19) | 10   |
| 80221 AC 51 05 ZI | 80221AC-08 | 1/2    | .669 (17) | 1.811 (46)   | .866 (22) | 10   |



HARDENED STEEL

### 80222AC

1/4 INDUSTRIAL FEMALE (Steel)

| Code           | Usa Ref    | A NPTF | B           | C          | CH        | Pack |
|----------------|------------|--------|-------------|------------|-----------|------|
| 80222 AC 03 ZI | 80222AC-04 | 1/4    | .531 (13,5) | 1.535 (39) | .669 (17) | 10   |
| 80222 AC 04 ZI | 80222AC-06 | 3/8    | .531 (13,5) | 1.535 (39) | .866 (22) | 10   |
| 80222 AC 05 ZI | 80222AC-08 | 1/2    | .689 (17,5) | 1.693 (43) | .944 (24) | 10   |



HARDENED STEEL

### 80225AC

1/4" Industrial Barb (Steel)

| Code              | Usa Ref    | A   | C            | D         | Pack |
|-------------------|------------|-----|--------------|-----------|------|
| 80225 AC 51 03 ZI | 80225AC-04 | 1/4 | 1.713 (43,5) | .472 (12) | 10   |

HARDENED STEEL

