

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



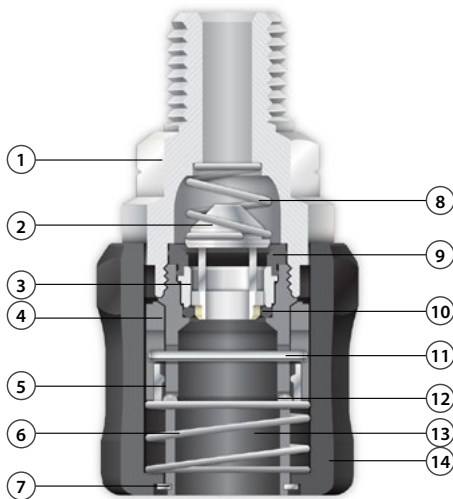
Standard Reference

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

PED
2014/68/UE

ISO
14743:2020

SILICON
FREE


Component Parts and Materials

- 1 Nickel Plated Brass Coupler
- 2 Nickel Plated Brass Shutter
- 3 Nickel Plated Brass Ring
- 4 Nylon Trailing Pin Ring
- 5 Stainless Steel Restraining Ball Ring
- 6 Stainless Steel Spring
- 7 Stainless Steel Shaft Clip
- 8 Stainless Steel Shutter Spring
- 9 NBR O-Ring Seal
- 10 NBR O-Ring Seal
- 11 Stainless Steel Pin
- 12 Stainless Steel Ball
- 13 Nylon Body
- 14 Nylon Sleeve



Pressure Rating

Vacuum ~ 217 PSI
-0.99 bar ~ 15 bar
-0.099 MPa ~ 1.5 MPa

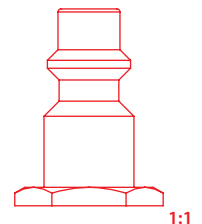


Flow Rate

CFM (NI/min)

Code	87 psi Δ 14.5	87 psi Δ 7.2	87 psi Δ 0 (Exhaust Free)
80221AC	33.55 (950)	24.72 (700)	49.44 (1400)

1/4 INDUSTRIAL



Temperature Rating

-4° F ~ 176° F
-20° C ~ 80° C



Media

- Compressed air

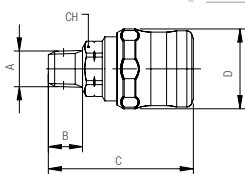
DN
5.5 mm


SAFETY COUPLER OPERATING PROCEDURE



80621

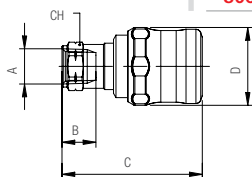
Male Safety Coupler



Code	Usa Ref	A NPTF	B	C	D	CH	Pack
80621 00 001	80621-04	1/4	.512 (13)	2.173 (55)	1.200 (30,5)	.748 (19)	10
80621 00 002	80621-06	3/8	.512 (13)	2.173 (55)	1.200 (30,5)	.748 (19)	10
80621 00 003	80621-08	1/2	.669 (17)	2.322 (59)	1.200 (30,5)	.866 (22)	10

80622

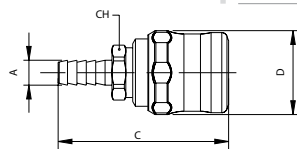
FEMALE Safety Coupler



Code	Usa Ref	A NPTF	B	C	D	CH	Pack
80622 00 001	80622-04	1/4	.531 (13,5)	2.165 (55)	1.200 (30,5)	.669 (17)	10
80622 00 002	80622-06	3/8	.531 (13,5)	2.146 (54,5)	1.200 (30,5)	.787 (20)	10
80622 00 003	80622-08	1/2	.689 (17,5)	2.323 (59)	1.200 (30,5)	.945 (24)	10

80625

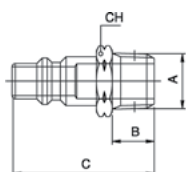
BARBED Safety Coupler



Code	Usa Ref	A	C	D	CH	Pack
80625 00 001	80625-04	1/4	2.441 (62)	1.200 (30,5)	.669 (18)	10
80625 00 002	80625-06	3/8	2.441 (62)	1.200 (30,5)	.669 (18)	10
80625 00 003	80625-08	1/2	2.441 (62)	1.200 (30,5)	.669 (18)	10

80221AC

1/4 INDUSTRIAL Male (Steel)

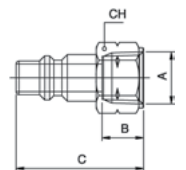


Code	Usa Ref	A NPTF	B	C	CH	Pack
80221 AC 51 03 ZI	80221AC-04	1/4	.512 (13)	1.634 (41,5)	.669 (17)	10
80221 AC 51 04 ZI	80221AC-06	3/8	.512 (13)	1.634 (41,5)	.748 (19)	10
80221 AC 51 05 ZI	80221AC-08	1/2	.669 (17)	1.811 (46)	.866 (22)	10

HARDENED STEEL

80222AC

1/4 INDUSTRIAL FEMALE (Steel)

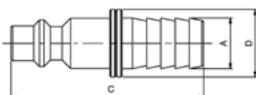


Code	Usa Ref	A NPTF	B	C	CH	Pack
80222 AC 03 ZI	80222AC-04	1/4	.531 (13,5)	1.535 (39)	.669 (17)	10
80222 AC 04 ZI	80222AC-06	3/8	.531 (13,5)	1.535 (39)	.866 (22)	10
80222 AC 05 ZI	80222AC-08	1/2	.689 (17,5)	1.693 (43)	.944 (24)	10

HARDENED STEEL

80225AC

1/4" Industrial Barb (Steel)



Code	Usa Ref	A	C	D	Pack
80225 AC 51 03 ZI	80223AC-04	1/4	1.713 (43,5)	.472 (12)	10

HARDENED STEEL