

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



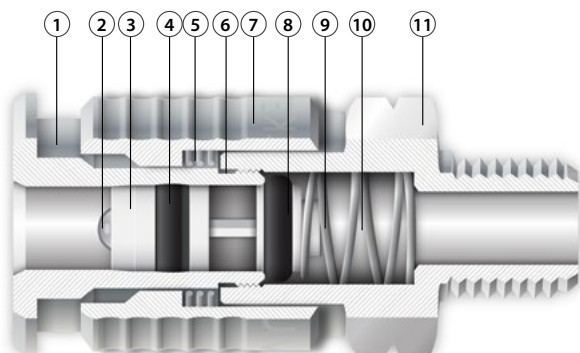
TECHNICAL CHARACTERISTICS



One socket for 3 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. **MULTISOCKET** is a universal coupler that works with the 3 main types of QD plugs.



Standard Reference

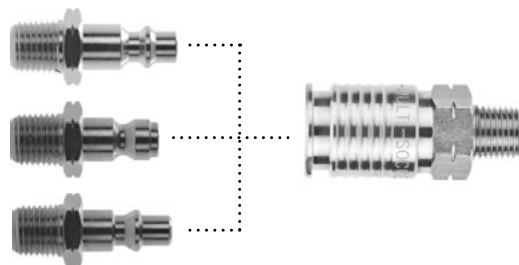
1907/2006
REACH ✓

2011/65/CE
RoHS ✓

PED
2014/68/UE

ISO
14743:2020

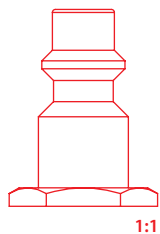
SILICON
FREE



Component Parts and Materials

- 1 316 Stainless Steel Body
- 2 420 Stainless Steel Ball
- 3 316 Stainless Steel Guide Ring
- 4 FKM O-Ring Seal
- 5 302 Stainless Steel Ring Nut Spring
- 6 FKM O-Ring Seal
- 7 316 Stainless Steel Sleeve
- 8 FKM O-Ring Seal
- 9 316 Stainless Steel Shutter
- 10 302 Stainless Steel Shutter Spring
- 11 316 Stainless Steel Coupler

1/4 INDUSTRIAL

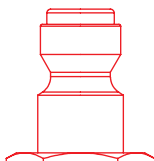


1:1



5.5 mm

1/4 TRU-FLATE

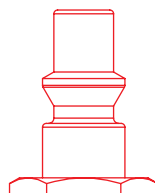


1:1



5 mm

1/4 ARO



1:1



5.5 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



Flow Rate

CFM (NI/min)

Plug	87 psi Δ 14.5	87 psi Δ 7.2	87 psi Δ 0 (Exhaust Free)
1/4 IND.	38.8 (1100)	28.25 (800)	52.97 (1500)
TRU-FLATE	22.95 (650)	16.95 (480)	38.8 (1100)
ARO	45.9 (1300)	35.31 (1000)	58.27 (1650)



Media

- Compressed air
- Fluid for food and chemical industry compatible with all components.

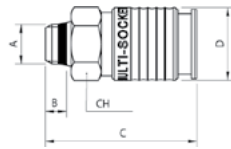


Temperature Rating

FKM
5° F ~ 392° F
-15° C ~ 200° C

83190

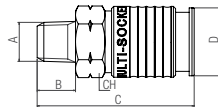
1/4" Male SWIFFFIT - 316L



Code	Usa Ref	A	B	C	D	CH	Pack
83190 00 002	83190-04	1/4	.276 (7)	1.969 (50)	.945 (24)	.827 (21)	2
83190 00 003	83190-06	3/8	.295 (7.5)	1.988 (50.5)	.945 (24)	.827 (21)	2
83190 00 004	83190-08	1/2	.354 (9)	2.047 (52)	.945 (24)	.945 (24)	2

83191

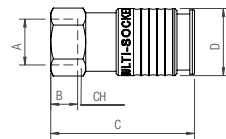
1/4" MALE NPTF - 316L



Code	Usa Ref	A NPTF	B	C	D	CH	Pack
83191 00 001	83191-04	1/4	.511 (13)	2.086 (53)	.945 (24)	.827 (21)	2

83192

1/4" FEMALE NPTF - 316L

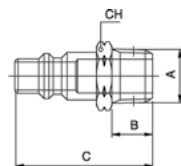


Code	Usa Ref	A	B	C	D	CH	Pack
83192 00 002	83192-04	1/4	.533 (13.5)	2.066 (52.5)	.945 (24)	.827 (21)	10

1/4" INDUSTRIAL

83221

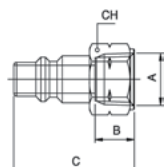
1/4" Industrial Male NPTF - 316L



Code	Usa Ref	A NPTF	B	C	CH	Pack
83221 AX 44 03 00	83221-04	1/4	.512 (13)	1.634 (41,5)	.669 (17)	10

83222

1/4" INDUSTRIAL FEMALE NPTF - 316L



Code	Usa Ref	A NPTF	B	C	CH	Pack
83222 AX 44 03 00	83222-04	1/4	.531 (13,5)	1.535 (39)	.669 (17)	10